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**Lyndon B. Johnson Space Center**
Houston, Texas 77058

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Volume 1 of 2

# AERODYNAMIC LOADS TEST OF A 0.66-SCALE SPACE SHUTTLE ORBITER TILE ARRAY MODEL (106-0) IN THE NASA/ARC 2-FOOT TRANSONIC WIND TUNNEL

(OA252)

## SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management SERVICES

HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

November 1982

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Volume 1 of 2

# AERODYNAMIC LOADS TEST OF A 0.66-SCALE SPACE SHUTTLE ORBITER TILE ARRAY MODEL (106-0) IN THE NASA/ARC 2-FOOT TRANSONIC WIND TUNNEL (OA252)

by

Sergio C. Carrion

Rockwell International
Space Transportation & Systems Group

Prepared under NASA Contract Number NAS9-16283

by

Data Management Services
Chrysler Huntsville Electronics Division
Michoud Engineering Office
New Orleans, Louisiana 70189

for

Systems Engineering Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

| | |
|---|---|
| Test Number: | ARC 382-1-22; 382-2-22 |
| NASA Series Number: | OA252 |
| Model Number: | 106-Ø |
| Test Dates: | Oct. 16, 1979 - Nov. 14, 1979 |
| Occupancy Hours: | 360 |


FACILITY COORDINATOR:

J. J. Brownson
Mail Stop 227-5
NASA/AMES Research Center
Moffett Field, CA 94035

Phone (415) 965-5647

AERODYNAMIC ANALYSIS ENGINEER:

Sergio C. Carrion
Mail Code AC07
Rockwell International
12214 Lakewood Blvd.
Dept. 390
Downey, CA 90241

Phone (213) 922-4771

PROJECT ENGINEERS:

A. R. Gross
J. M. Strong
Mail Stop 227-5
NASA/Ames Research Center
Moffett Field, CA 94035

Phone (415) 965-6255

Richard B. Kingsland
W. R. Carlson
Rockwell International
12214 Lakewood Blvd.
Dept. 390, Mail Code AC07
Downey, CA 90241

Phone (213) 922-5005


DATA MANAGEMENT SERVICES

Prepared by: Liaison - S. R. Houlihan
Operations - B. J. Burst

Reviewed by: G. W. Klug

Approved: J. L. Glynn, Manager
Data Operations

Concurrence: N. D. Kemp, Manager
Data Management Services

Chrysler Huntsville Electronics Division/Michoud Engineering Office assumes no responsibility for the data presented other than display characteristics.

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## ABSTRACT

The subject test (OA252) was successfully accomplished during the period from October 16, 1979 through November 14, 1979. Two simulated tile arrays were tested with and without a cavity (missing tile) in the NASA/ARC 2x2-Foot Transonic Wind Tunnel. Tests were conducted at freestream Mach numbers from 0.6 through 1.4 and at dynamic pressures from 264 to 1318 psf. The test objectives were to measure the flow field over the tile arrays while varying flow parameters such as Reynolds number, boundary layer thickness, and incident shock. The effects due to gap width and step height were also evaluated.

The flow field was measured with static pressure orifices on the tile OML surface, tile side walls, and in the cavity.

The boundary layer was measured at the trailing edge of the arrays by a single, remotely controllable total pressure probe. Boundary layer thickness was varied by moving the test panel and tunnel wall out into the freestream flow allowing some of the flow to pass under the panel.

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TABLE OF CONTENTS


| | Page |
|---|---|
| ABSTRACT | iii |
| INDEX OF MODEL FIGURES | 2 |
| INDEX OF DATA FIGURES | 3 |
| INTRODUCTION | 22 |
| NOMENCLATURE | 24 |
| CONFIGURATIONS INVESTIGATED | 26 |
| INSTRUMENTATION | 27 |
| TEST FACILITY DESCRIPTION | 28 |
| DATA REDUCTION | 29 |
| REMARKS | 30 |
| REFERENCES | 31 |
| TABLES | |
| I. Test Conditions | 32 |
| II. Data Set/Run Number Collation Summary | 33 |
| III. Pressure Orifice Locations - (P45) | |
| a. Surface Measurements-45 Deg.Panel | 38 |
| b. Tile Wall Measurements-45 Deg.panel | 41 |
| IV. Fixture Measurements | 44 |
| V. Pressure Orifice Locations-(P90) | |
| a. Surface Measurements-90 Deg. Panel | 45 |
| b. Tile Wall Measurements-90 Deg. Panel | 48 |
| FIGURES | |
| MODEL | 51 |
| DATA | |
| Sample Static Pressure Plots (Volume 1) | 60 |
| Boundary Layer Plots (Volume 1) | |
| APPENDIX | |
| TABULATED SOURCE DATA | |
| Boundary Layer and Tunnel Condition Data (Volume 1) | |
| Static Pressure Data (Volume 2) | 60 |

INDEX OF MODEL FIGURES


| Figure | Title | Page |
|---|---|---|
| 1. | $90^{\circ}$ Panel and Moveable Wall | 51 |
| 2. | $45^{\circ}$ Panel | 52 |
| 3. | $90^{\circ}$ Panel and Shock Generator | 53 |
| 4. | $45^{\circ}$ Panel and Shock Generator | 54 |
| 5. | Pressure Orifice Arrangement | 55 |
| 6. | Model Photographs | |
| | a. $90^{\circ}$ TPS Panel - Config. P90+A | 56 |
| | b. $90^{\circ}$ TPS Panel - Config. P90 | 57 |
| | c. $90^{\circ}$ TPS Panel - Config. P90+S | 58 |
| | d. $45^{\circ}$ TPS Panel - Config. P45+A+S | 59 |

INDEX OF DATA FIGURES*

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| | STATIC PRESSURE DATA | | | |
| 4 | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 2.0 | A | Mach | 1-8 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 4.5 | A | Mach | 9-22 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 6.0 | A | Mach | 23-30 |
| 5 | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 2.0 | A | Mach | 31-40 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 4.5 | A | Mach | 41-54 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 6.0 | A | Mach | 55-68 |
| 6 | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 69-74 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 75-88 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 89-94 |
| 7 | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 95-98 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 99-108 |

*A complete set of static pressure plotted displays for all tested conditions were generated for initial data analysis as shown by this index. Due to the volume involved, only representative samples are included in this report (volume 1). The samples are for panel P90, at Mach = 0.9, RN/FT = 4.5, and for all configurations tested. The complete set of displays are maintained by Data Management Services. In addition to the sample static pressure plots, all boundary layer plotted data are presented in volume 1 (figures 100 to 115).

INDEX OF DATA FIGURES (Continued)


| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 109-112 |
| 8 | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 2.0 | A | Mach | 113-120 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 4.5 | A | Mach | 121-134 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 6.0 | A | Mach | 135-142 |
| 9 | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 2.0 | A | Mach | 143-152 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 4.5 | A | Mach | 153-166 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 6.0 | A | Mach | 167-174 |
| 10 | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 175-180 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 181-194 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 195-200 |
| 11 | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 201-204 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 205-214 |
| | SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 215-218 |

INDEX OF DATA FIGURES (Continued)

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| 12 | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 2.0 | A | Mach | 219-234 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 4.5 | A | Mach | 235-262 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 6.0 | A | Mach | 263-278 |
| 13 | SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 4.5 | A | Mach | 279-306 |
| 14 | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 307-318 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 319-338 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 339-350 |
| 15 | SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 351-362 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 363-382 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 383-394 |
| 16 | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 2.0 | A | Mach | 395-410 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 4.5 | A | Mach | 411-438 |

INDEX OF DATA FIGURES (Continued)

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 6.0 | A | Mach | 439-454 |
| 17 | SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 4.5 | A | Mach | 455-482 |
| 18 | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 483-494 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 495-514 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 515-526 |
| 19 | SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 527-538 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 539-554 |
| | SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 555-566 |
| 20 | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 567-587 |
| 21 | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 588-608 |
| 22 | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 609-629 |
| 23 | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 630-650 |

INDEX OF DATA FIGURES (Continued)


| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| 24 | SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 651-671 |
| 25 | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 672-699 |
| 26 | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 700-727 |
| 27 | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 728-755 |
| 28 | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 756-783 |
| 29 | SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 784-811 |
| 30 | CAVITY PRESSURES ON 90 DEGREE PANEL, WALL IN, RN/FT = 2.0 | A | Mach | 812-815 |
| | CAVITY PRESSURES ON 90 DEGREE PANEL, WALL IN, RN/FT = 4.5 | A | Mach | 816-822 |
| | CAVITY PRESSURES ON 90 DEGREE PANEL, WALL IN, RN/FT = 6.0 | A | Mach | 823-826 |
| 31 | CAVITY PRESSURES ON 90 DEGREE PANEL, WALL OUT, RN/FT = 2.0 | A | Mach | 827-830 |
| | CAVITY PRESSURES ON 90 DEGREE PANEL, WALL OUT, RN/FT = 4.5 | A | Mach | 831-837 |
| | CAVITY PRESSURES ON 90 DEGREE PANEL, WALL OUT, RN/FT = 6.0 | A | Mach | 838-841 |

INDEX OF DATA FIGURES (Continued)

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| 32 | CAVITY PRESSURES ON 90 DEGREE PANEL W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 842-844 |
| | CAVITY PRESSURES ON 90 DEGREE PANEL W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 845-851 |
| | CAVITY PRESSURES ON 90 DEGREE PANEL W/SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 852-854 |
| 33 | CAVITY PRESSURES ON 90 DEGREE PANEL W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 855-857 |
| | CAVITY PRESSURES ON 90 DEGREE PANEL W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 858-864 |
| | CAVITY PRESSURES ON 90 DEGREE PANEL W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 865-867 |
| 34 | CAVITY PRESSURES ON 45 DEGREE PANEL, WALL IN, RN/FT = 2.0 | A | Mach | 868-875 |
| | CAVITY PRESSURES ON 45 DEGREE PANEL, WALL IN, RN/FT = 4.5 | A | Mach | 876-889 |
| | CAVITY PRESSURES ON 45 DEGREE PANEL, WALL IN, RN/FT = 6.0 | A | Mach | 890-897 |
| 35 | CAVITY PRESSURES ON 45 DEGREE PANEL, WALL OUT, RN/FT = 2.0 | A | Mach | 898-905 |
| | CAVITY PRESSURES ON 45 DEGREE PANEL, WALL OUT, RN/FT = 4.5 | A | Mach | 906-919 |
| | CAVITY PRESSURES ON 45 DEGREE PANEL, WALL OUT, RN/FT = 6.0 | A | Mach | 920-927 |

INDEX OF DATA FIGURES (Continued)

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| 36 | CAVITY PRESSURES ON 45 DEGREE PANEL W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 928-933 |
| | CAVITY PRESSURES ON 45 DEGREE PANEL W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 934-943 |
| | CAVITY PRESSURES ON 45 DEGREE PANEL W/SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 944-949 |
| 37 | CAVITY PRESSURES ON 45 DEGREE PANEL W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 950-955 |
| | CAVITY PRESSURES ON 45 DEGREE PANEL W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 956-965 |
| | CAVITY PRESSURES ON 45 DEGREE PANEL W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 966-971 |
| 38 | CAVITY PRESSURES ON 90 DEGREE PANEL W/-.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 972-978 |
| 39 | CAVITY PRESSURES ON 90 DEGREE PANEL W/+.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 979-985 |
| 40 | CAVITY PRESSURES ON 90 DEGREE PANEL W/+0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 986-992 |
| 41 | CAVITY PRESSURES ON 90 DEGREE PANEL W/+0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 993-999 |
| 42 | CAVITY PRESSURES ON 90 DEGREE PANEL W/+0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 1000-1006 |
| 43 | CAVITY PRESSURES ON 45 DEGREE PANEL W/-.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 1007-1013 |

INDEX OF DATA FIGURES (Continued)

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| 44 | CAVITY PRESSURES ON 45 DEGREE PANEL W/+.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 1014-1020 |
| 45 | CAVITY PRESSURES ON 45 DEGREE PANEL W/+0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 1021-1027 |
| 46 | CAVITY PRESSURES ON 45 DEGREE PANEL W/+0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 1028-1034 |
| 47 | CAVITY PRESSURES ON 45 DEGREE PANEL W/+0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 1035-1041 |
| 48 | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 2.0 | B | Mach | 1042-1077 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 4.5 | B | Mach | 1078-1140 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 6.0 | B | Mach | 1141-1176 |
| 49 | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 2.0 | B | Mach | 1177-1221 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 4.5 | B | Mach | 1222-1284 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 6.0 | B | Mach | 1285-1347 |
| 50 | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | B | Mach | 1348-1374 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | B | Mach | 1375-1437 |

INDEX OF DATA FIGURES (Continued)

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | B | Mach | 1438-1464 |
| 51 | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | B | Mach | 1465-1482 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | B | Mach | 1483-1527 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | B | Mach | 1528-1545 |
| 52 | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 2.0 | B | Mach | 1546-1581 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 4.5 | B | Mach | 1582-1644 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 6.0 | B | Mach | 1645-1680 |
| 53 | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 2.0 | B | Mach | 1681-1725 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 4.5 | B | Mach | 1726-1788 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 6.0 | B | Mach | 1789-1824 |
| 54 | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | B | Mach | 1825-1851 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | B | Mach | 1852-1914 |

INDEX OF DATA FIGURES (Continued)


| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | B | Mach | 1915-1941 |
| 55 | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | B | Mach | 1942-1959 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | B | Mach | 1960-2004 |
| | GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | B | Mach | 2005-2022 |
| 56 | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 2.0 | B | Mach | 2023-2066 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 4.5 | B | Mach | 2067-2143 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 6.0 | B | Mach | 2144-2187 |
| 57 | GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 4.5 | B | Mach | 2188-2264 |
| 58 | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | B | Mach | 2265-2297 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | B | Mach | 2298-2352 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | B | Mach | 2353-2385 |
| 59 | GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | B | Mach | 2386-2418 |

INDEX OF DATA FIGURES (Continued)

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| | GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR WALL IN, RN/FT = 4.5 | B | Mach | 2419-2473 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR WALL IN, RN/FT = 6.0 | B | Mach | 2474-2506 |
| 60 | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 2.0 | B | Mach | 2507-2550 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 4.5 | B | Mach | 2551-2627 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 6.0 | B | Mach | 2628-2671 |
| 61 | GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 4.5 | B | Mach | 2672-2748 |
| 62 | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | B | Mach | 2749-2781 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | B | Mach | 2782-2836 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | B | Mach | 2837-2869 |
| 63 | GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | B | Mach | 2870-2902 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | B | Mach | 2903-2946 |
| | GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | B | Mach | 2947-2979 |

INDEX OF DATA FIGURES (Continued)


| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| 64 | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | B | Mach | 2980-3042 |
| 65 | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | B | Mach | 3043-3105 |
| 66 | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5 | B | Mach | 3106-3168 |
| 67 | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | B | Mach | 3169-3231 |
| 68 | GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | B | Mach | 3232-3294 |
| 69 | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | B | Mach | 3295-3371 |
| 70 | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | B | Mach | 3372-3448 |
| 71 | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5 | B | Mach | 3449-3525 |
| 72 | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | B | Mach | 3526-3602 |
| 73 | GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 3603-3679 |
| 74 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 2.0 | A | Mach | 3680-3683 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 4.5 | A | Mach | 3684-3690 |

INDEX OF DATA FIGURES (Continued)


| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 6.0 | A | Mach | 3691-3694 |
| 75 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 2.0 | A | Mach | 3695-3699 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 4.5 | A | Mach | 3700-3706 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 6.0 | A | Mach | 3707-3713 |
| 76 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 3714-3716 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 3717-3723 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 3724-3726 |
| 77 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 3727-3728 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 3729-3733 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 3734-3735 |
| 78 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 2.0 | A | Mach | 3736-3739 |

INDEX OF DATA FIGURES (Continued)


| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 4.5 | A | Mach | 3740-3746 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 6.0 | A | Mach | 3747-3750 |
| 79 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 2.0 | A | Mach | 3751-3755 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 4.5 | A | Mach | 3756-3762 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 6.0 | A | Mach | 3763-3766 |
| 80 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 3767-3769 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 3770-3776 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 3777-3779 |
| 81 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 3780-3781 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 3782-3786 |
| | FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 3787-3788 |

INDEX OF DATA FIGURES (Continued)

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| 82 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 2.0 | A | Mach | 3789-3792 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 4.5 | A | Mach | 3793-3799 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 6.0 | A | Mach | 3800-3803 |
| 83 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 4.5 | A | Mach | 3804-3810 |
| 84 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 3811-3813 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 3814-3818 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 3819-3821 |
| 85 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0 | A | Mach | 3822-3824 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5 | A | Mach | 3825-3829 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 6.0 | A | Mach | 3830-3832 |

INDEX OF DATA FIGURES (Continued)


| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| 86 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 2.0 | A | Mach | 3833-3836 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 4.5 | A | Mach | 3837-3843 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 6.0 | A | Mach | 3844-3847 |
| 87 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 4.5 | A | Mach | 3848-3854 |
| 88 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 3855-3857 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 3858-3862 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 3863-3865 |
| 89 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0 | A | Mach | 3866-3868 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5 | A | Mach | 3869-3872 |
| | FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0 | A | Mach | 3873-3875 |

INDEX OF DATA FIGURES (Continued)


| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| 90 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 3876-3882 |
| 91 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 3883-3889 |
| 92 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 3890-3896 |
| 93 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 3897-3903 |
| 94 | FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 3904-3910 |
| 95 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 3911-3917 |
| 96 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 3918-3924 |
| 97 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5 | A | Mach | 3925-3931 |
| 98 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 3932-3938 |
| 99 | FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5 | A | Mach | 3939-3945 |

INDEX OF DATA FIGURES (Continued)

| FIGURE NUMBER | TITLE | PLOTTED COEFFICIENT SCHEDULE | CONDITIONS VARYING | PAGES |
|---|---|---|---|---|
| BOUNDARY LAYER DATA | | | | |
| 100 | BOUNDARY LAYER VELOCITY PROFILE, P90 | C | HWALL | 1-7 |
| 101 | BOUNDARY LAYER VELOCITY PROFILE, P90+A | C | HWALL | 8-14 |
| 102 | BOUNDARY LAYER VELOCITY PROFILE, P90+S | C | HWALL | 15-21 |
| 103 | BOUNDARY LAYER VELOCITY PROFILE, P90+A+S | C | HWALL | 22-26 |
| 104 | BOUNDARY LAYER VELOCITY PROFILE, P45 | C | HWALL | 27-33 |
| 105 | BOUNDARY LAYER VELOCITY PROFILE, P45+A | C | HWALL | 34-40 |
| 106 | BOUNDARY LAYER VELOCITY PROFILE, P45+S | C | HWALL | 41-45 |
| 107 | BOUNDARY LAYER VELOCITY PROFILE, P45+A+S | C | HWALL | 46-50 |
| 108 | BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 | D | HWALL | 51-57 |
| 109 | BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90+A | D | HWALL | 58-64 |
| 110 | BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90+S | D | HWALL | 65-71 |
| 111 | BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90+A+S | D | HWALL | 72-76 |
| 112 | BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 | D | HWALL | 77-83 |
| 113 | BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45+A | D | HWALL | 84-90 |
| 114 | BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45+S | D | HWALL | 91-95 |
| 115 | BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45+A+S | D | HWALL | 96-100 |

INDEX OF DATA FIGURES (Concluded)

PLOTTED COEFFICIENT SCHEDULES:

(A): CP VS. X (B): CP VS. Z (C): h VS. $U/U_{freestream}$

(D): h VS. $P_{boundary\ layer}/P_{freestream}$

# INTRODUCTION

OV102 Ferry Flight Operations revealed unanticipated sensitivity of thermal protection system (TPS) elements to airstream effects such as gap filler migration, loosening of small footprint tiles, and lifting of mini-tile segments. Inasmuch as the ferry flight speed (200 $K_n$) was substantially less than mission speed, further assessments of TPS sensitivities to airstream effects were undertaken. A TPS flow test program was initiated to obtain additional performance data on various reusable surface insulation (RSI) tile configurations, components and installations in high dynamic pressure environments. The wind tunnel test described in this report is part of that program.

Wind tunnel test OA252 was initiated with the objective of determining the effects on surface and gap pressures due to a cavity (missing tile) in an array of tiles. Two different tile arrays were used; one had the gaps between the tiles alined 45 degrees to the flow while the other's gaps were perpendicular and parallel to the flow direction.

Data were taken with and without a missing tile, in and out of the effects of a reflected shock and with a thick or thin boundary layer. The effects of gap size and step heights were also investigated. The test was conducted from October 16, 1979 through November 14, 1979 in the NASA/ARC 2-foot transonic wind tunnel. The tunnel conditions used were Reynolds numbers per foot x $10^6$ of 2, 4.5 and 6 with Mach numbers of 0.6 through 1.4.

This report presents information on the conduct of the test and details of the test article, test facility and instrumentation. The tabulated

pressure data are in the Appendix of Volume 2; the tunnel condition and boundary layer data appear in the Appendix of Volume 1.

NOMENCLATURE

| SYMBOL | MNEMONIC | DEFINITION |
|---|---|---|
| A | A | Tile-size block to fill array cavity |
| ARC | | Ames Research Center |
| B.L. | | Boundary layer |
| ℄ | | Centerline |
| | CONF | Configuration designation |
| $C_{P_i}$ | CP | Static pressure coefficient, non-dimensional (See Data Reduction) |
| | DATE | Date of data acquisition in month and day, MMDD |
| | GAP | Distance separating Tile A from the surrounding tiles, inches |
| h | H | Height of retractable total pressure probe above panel surface, inches |
| | HWALL | Projection of wall into tunnel, inches (HWALL = 0 -wall flush, HWALL = 1.4 - wall out into flow) |
| IML | | Orbiter Inner Mold Line |
| $K_n$ | | Nautical miles per hour |
| Mach,M | MACH | Mach number |
| OML | | Orbiter Outer Mold Line |
| | PANEL | Tile array on which data were recorded, P45 or P90 |
| P45 | P45 | 45 degree tile array with cavity |
| P90 | P90 | 90 degree tile array with cavity |
| $P_i$ | | Local static pressure, psf |
| $P_o$ | P | Tunnel freestream static pressure, psfa |
| $P_{SL}$ | PBL | Bounday layer static pressure, psf |
| $P_{T_i}$ | PTBL | Boundary layer total pressure, psf |
| $P_{T_o}$ | PT | Tunnel total pressure, psfa |
| | POS NO. | Orifice location in XY plane for tile gap pressure. For P90, POS NO. is defined by Figure 1 and Table Vb. For P45, POS NO. is defined by Figure 2 and Table IIIb. |

NOMENCLATURE (Concluded)

| SYMBOL | MNEMONIC | DEFINITION |
|---|---|---|
| $P_{boundary\ layer}/P_{freestream}$ | PBL/P | Ratio of boundary layer static pressure to freestream static pressure |
| q | Q | Tunnel freestream dynamic pressure, psf |
| RN/FT | RN/L | Reynolds number, per foot $x10^{-6}$ |
| RSI | RSI | Reusable Surface Insulation |
| S | S | Shock generator |
| | STEP-A | Difference in height between Tile A and the tile aft of A in the flow, inches |
| | STEP-F | Difference in height between Tile A and the tile forward of A in the flow, inches |
| | TIME | Time of day in hours and minutes, HHMM (24 hour clock) |
| TPS | TPS | Thermal Protection System |
| $T_{T_o}$ | TTF | Tunnel total temperature, $^oF$ |
| $U/U_{freestream}$ | U/UF | Local velocity as a percent of freestream velocity $U/UF = \left\{ \left[ PTBL/PT \right] * K \right\}^{1/2}$, where $K = 1$, if $M < 1$; $K = \left[ 6M^2/(M^2+5) \right]^{3.5} * \left[ 6/(7M^2-1) \right]^{2.5}$, if $M \geq 1$ |
| | X | Longitudinal distance from center of array, positive aft, inches |
| | Y | Lateral distance from center of array, positive to right, inches |
| | Z | Vertical distance along edge of tile, positive down from Outer Mold Line, inches |

## CONFIGURATIONS INVESTIGATED

Two tile array configurations were tested. One array was made with the gaps between the tiles perpendicular to the flow (P90), Figure 1. The other array's gaps were 45 degrees to the flow (P45), Figure 2.

The simulated tiles were 2/3 scale and were constructed from laminated mahogany. Each panel's tiled area was 24.15 inches long by 20.12 inches wide. A wood border was used to enclose this area.

Both panels were installed in the tunnels moveable wall and were tested with the wall flush (HWALL = 0) and with the wall extended into the airstream (HWALL = 1.4). This feature provided the capability of exposing the arrays to different boundary layer thicknesses.

The panels were tested with and without a shock generator and with and without Tile A (See Figures 1 and 2). The longitudinal axis of the shock generator was one foot from the array's surface. Figures 3 and 4 present the plan view of the shock generator location relative to the arrays.

The gaps between tiles were varied by changing the position of tiles B, C, E, and F in each array. Step height changes were achieved by manipulating the height of tiles B and F for array P90 and tiles C and G for array P45.

## INSTRUMENTATION

Each tile array panel was instrumented with 214 static pressure orifices. The location of the orifices is tabulated in Table III and V and shown in Figures 1 and 2. Each of the six tiles surrounding the cavity (areas B through G) had 16 static orifices on its OML surface. The cavity (area A) also had 16 static orifices on the IML. These orifices were not available while testing with Tile A. The orifice pattern used in these areas is shown in Figure 5.

Tile sidewall static pressures were measured at 34 locations as shown by x's in Figures 1 and 2. There were three orifices at each location. Each orifice position is shown in Figure 5.

The moveable wall had thirty static orifices installed around the tile array panels. Their locations are tabulated in Table IV. Figures 1 and 2 show their relative positions to the overall model.

Two six-transducer scanivalves were used to measure the above static pressures.

A total pressure probe used to measure the boundary layer thickness was mounted to an ARC remotely controlled mechanism. The probe height above the panel and the total pressure were measured by ARC furnished transducers. The position of the moveable wall was also recorded.

## TEST FACILITY DESCRIPTION

The Ames Research Center 2 x 2-foot wind tunnel was used for these tests. The tunnel is of the continuous flow type with porous test section walls surrounded by a plenum chamber. Mach number is continuously variable over the range from 0.6 to 1.4 and dynamic pressure is continuously variable over the range from 200 to 1500 psf.

The tunnel can be operated so that one section of the side wall moves up to 1.0 inch into the airstream. The upstream edge of the moveable wall is a sharp edged splitter plate which scoops off all or part of the tunnel sidewall boundary layer. It is possible to position the wall to achieve a boundary layer thickness from 0.25 to 1.0 inch in the panel test region. A retractable boundary layer total pressure probe was employed downstream of the test panel to measure boundary layer thickness.

## DATA REDUCTION

The data reduction consisted of pressure coefficients and total pressures as follows:

$$C_{p_i} = \frac{P_i - P_o}{q} = \text{Static Pressure Coefficient}$$

where

$P_i$ = local pressure at i

$P_o$ = tunnel freestream static pressure

$q$ = tunnel freestream dynamic pressure

$P_{T_i}$ = the boundary layer total pressure

$P_{SL}$ = the boundary layer static pressure

## REMARKS

Periphery data indicates an adverse pressure gradient ($dp/dx>0$) for Mach numbers greater than 0.9 when the test panel is flush to the tunnel wall. This flow field implies flow separation. The separated flow also showed up in the boundary layer data. This is a tunnel phenomenon and the data downstream of the separation point should be disregarded.

## REFERENCES


1. STS79-0285, "Pretest Information for Tests of the 2/3 Scale TPS Tile Cavity Flow Field Model in the Ames Research Center 2x2 Foot Transonic Wind Tunnel Test OA252," Sept. 1979.

2. SAS/AERO/80-059, "Preliminary Post-Test Report of Wind Tunnel Test," Jan. 25, 1980.

TABLE I

TEST : OA 252

DATE : 11-14-79

TEST CONDITIONS

| MACH NUMBER | REYNOLDS NUMBER (per foot x10$^{-6}$) | DYNAMIC PRESSURE (pounds/sq. ft.) | STAGNATION TEMPERATURE (degrees Fahrenheit) |
|---|---|---|---|
| 0.6 | 2.0, 4.5, 6.0 | 264, 594, 792 | 60 → 120 |
| 0.8 | | 330, 743, 990 | |
| 0.9 | | 357, 804, 1072 | |
| 1.05 | | 391, 881, 1174 | |
| 1.1 | | 401, 902, 1203 | |
| 1.25 | | 424, 954, 1272 | |
| 1.4 | | 439, 989, 1318 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

BALANCE UTILIZED: None

| | CAPACITY: | ACCURACY: | COEFFICIENT TOLERANCE: |
|---|---|---|---|
| NF | | | |
| SF | | | |
| AF | | | |
| PM | | | |
| RM | | | |
| YM | | | |

COMMENTS:



DMS 010

TABLE II

TEST: ØA252 (ARC 382-22) DATA SET/RUN NUMBER COLLATION SUMMARY DATE: 11/29/79

| DATA SET IDENTIFIER | CONFIGURATION | PANEL | TILE A | SHOCK GEN | GAP SIZE | TILE STEP FWD | TILE STEP AFT | WALL POSITION | B.L. DATA | RN/FT | MACH NUMBERS 0.6 | 0.8 | 0.9 | 1.05 | 1.10 | 1.25 | 1.4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R3T*01 | P90 | 90° | OUT | OUT | .03 | 0 | 0 | FLUSH | | 2.0 | 255.1 | | 254.1 | | 253.1 | 252.1 | |
| 02 | | | | | | | | | | | 154.1 | | 153.1 | | | | |
| 03 | | | | | | | | | | | 154.2 | | 153.2 | | | | |
| 04 | | | | | | | | | X | 4.5 | 148.1 | 174.1 | 173.1 | 170.1 | 169.2 | 160.1 | 159.1 |
| 05 | | | | | | | | | X | | 148.2 | | | | | 160.2 | |
| 06 | | | | | | | | | | 6.0 | 145.2 | | 150.1 | | 157.1 | 161.1 | |
| 07 | | | | | | | | | | | | | | | 157.2 | 161.2 | |
| 08 | | | | | | | | OUT | | 2.0 | 155.1 | | 152.1 | | 167.1 | 164.1 | |
| 09 | | | | | | | | | | | 155.2 | | 152.2 | | | 164.2 | |
| 10 | | | | | | | | | X | 4.5 | 147.1 | 175.1 | 176.1 | 171.1 | 168.1 | 163.1 | 158.1 |
| 11 | | | | | | | | | X | | 147.2 | | | | | | 158.2 |
| 12 | | | | | | | | | | 6.0 | 146.1 | | 172.1 | | 156.1 | 162.1 | |
| 13 | | | | | | | | | | | 146.2 | | | | 156.2 | 162.2 | |
| 14 | P90+A | | IN | | | | | FLUSH | | 2.0 | 126.1 | | 127.2 | | 140.1 | 144.1 | 111.1 |
| 15 | | | | | | | | | | | | | | | 140.2 | 144.2 | |
| 16 | | | | | | | | | | | | | | | | 112.1 | |
| 17 | | | | | | | | | X | 4.5 | 118.2 | 119.1 | 120.1 | 121.1 | 139.1 | 117.3 | 116.2 |
| 18 | | | | | | | | | X | | 118.3 | 119.2 | 120.2 | | 139.2 | | |

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICIENTS IDVAR (1) IDVAR (2) NDV

α OR β

SCHEDULES

* S = SURFACE PRESSURES (INCLUDING CAVITY)
W = TILE WALL PRESSURES (E-MP)
F = FIXTURE PRESSURES
L = BOUNDARY LAYER DATA
C = TUNNEL CONDITIONS

NASA-MSFC-MAF

TABLE II (Continued)

TEST: ØA252 (ARC 382-22) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 11/29/79

| DATA SET IDENTIFIER | CONFIGURATION | PANEL | TUNE A | SHOCK GEN | GAP SIZE | TILE STRA FWD | TILE STRA AFT | WALL POSITION | B.L. HARD | RN/FT | MACH NUMBERS 0.6 | 0.8 | 0.9 | 1.05 | 1.10 | 1.25 | 1.4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R3T 19 | P90+A | 90° | IN | OUT | .03 | 0 | 0 | FLUSH | X | 4.5 | 102.1 | 102.4 | 102.5 | | 122.1 | | |
| 20 | | | | | | | | | X | | | | | | 122.2 | | |
| 21 | | | | | | | | | | 6.0 | 103.3 | 104.1 | 105.1 | 106.1 | 107.1 | 108.1 | 109.101 |
| 22 | | | | | | | | | | | 103.4 | 101.4 | 101.5 | | | | |
| 23 | | | | | | | | | | | 101.3 | | | | | | |
| 24 | | | | | | | | OUT | | 2.0 | 125.1 | | 128.1 | | 141.3 | 142.1 | 143.2 |
| 25 | | | | | | | | | | | | | | | 141.4 | 142.2 | 143.3 |
| 26 | | | | | | | | | X | 4.5 | 121.1 | 124.2 | 123.1 | 136.1 | 135.1 | 137.2 | 138.2 |
| 27 | | | | | | | | | X | | | | | | 135.2 | | 138.3 |
| 28 | | | | | | | | | | 6.0 | 130.1 | | 129.1 | | 134.1 | 132.5 | |
| 29 | | | | | | | | | | | | | | | 134.2 | | |
| 30 | P90+S | | OUT | IN | | | | FLUSH | | 2.0 | 196.1 | | 191.1 | | | 184.1 | |
| 31 | | | | | | | | | X | 4.5 | 197.1 | 201.1 | 190.1 | 188.1 | 185.1 | 180.1 | 177.1 |
| 32 | | | | | | | | | X | | | | | | | | 177.2 |
| 33 | | | | | | | | | | 6.0 | 202.1 | | 193.1 | | | 181.1 | |
| 34 | | | | | | | | OUT | | 2.0 | 195.1 | | 192.1 | | | 183.1 | |
| 35 | | | | | | | | | X | 4.5 | 198.1 | 200.1 | 189.1 | 187.2 | 186.1 | 179.1 | 178.1 |
| 36 | | | | | | | | | | 6.0 | 199.1 | | 194.1 | | | 182.1 | |

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICIENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES

NASA-MSFC-MAF

TABLE II (Continued)

TEST: QA252 (ARC 382-22) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 11/29/79

| DATA SET IDENTIFIER | CONFIGURATION | PANEL | TILE A | SHOCK GEN | GAP SIZE | TILE STEP FWD | TILE STEP AFT | WALL POSITION | B.L. DATA | RN/FT | MACH NUMBERS 0.6 | 0.8 | 0.9 | 1.05 | 1.10 | 1.25 | 1.4 | TEST RUN NUMBERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R3T*37 | P90 + A + 5 | 90° | IN | IN | .03 | 0 | 0 | FLUSH | | 2.0 | | | 219.1 | | | 209.3 | | |
| 38 | | | | | | | | | X | 4.5 | | | 216.1 | 213.1 | 212.1 | 205.1 | 204.1 | |
| 39 | | | | | | | | | | 6.0 | | | 218.1 | | | 208.1 | | |
| 40 | | | | | | | | OUT | | 2.0 | | | 220.1 | | | 210.1 | | |
| 41 | | | | | | | | | X | 4.5 | | | 215.1 | 214.1 | 211.1 | 206.1 | 203.1 | |
| 42 | | | | | | | | | | 6.0 | | | 217.1 | | | 207.1 | | |
| 43 | P90 | | OUT | OUT | | -.02 | -.02 | FLUSH | | 4.5 | 231.11 | 231.9 | 231.8 | 231.4 | 231.3 | 231.2 | 231.1 | |
| 44 | | | | | | .02 | .02 | | | | 232.9 | 232.8 | 232.7 | 232.6 | 232.5 | 232.4 | 232.3 | |
| 45 | | | | | | | | | | | | | | | | | 232.2 | |
| 46 | | | | | | 0 | .16 | | | | 233.4 | 233.3 | 233.2 | 237.1 | 236.1 | 235.1 | 234.2 | |
| 47 | | | | | .017 | 0 | 0 | | | | 244.1 | 243.1 | 242.1 | 241.1 | 240.1 | 239.1 | 238.1 | |
| 48 | | | | | .067 | 0 | 0 | | | | 251.1 | 250.1 | 249.1 | 248.1 | 247.1 | 246.1 | 245.1 | |
| 49 | | | | | .067 | | | | | | | | | | | | 245.2 | |
| 50 | P45 | 45° | | | .03 | | | | | 2.0 | 281.1 | | 284.1 | | 265.1 | 262.1 | | |
| 51 | | | | | | | | | X | 4.5 | 277.1 | 274.1 | 273.1 | 270.1 | 269.1 | 261.1 | 257.1 | |
| 52 | | | | | | | | | X | 4.5 | | | | | | 261.2 | | |
| 53 | | | | | | | | | | 6.0 | 278.1 | | 283.1 | | 266.1 | 258.1 | | |
| 54 | | | | | | | | OUT | | 2.0 | 280.1 | | 285.1 | | 264.1 | 263.1 | | |
| 55 | | | | | | | | | | 4.5 | 276.1 | 275.1 | 272.1 | 271.1 | 268.1 | 260.1 | 256.1 | |

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICIENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES

NASA-MSFC-MAF

TABLE II (Continued)

TEST: ØA252 (ARC 382-22) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 11/29/79

| DATA SET IDENTIFIER | CONFIGURATION | PANEL | TINE A | SHOCK GEN | GAP SIZE | TILE STEP FWD | TILE STEP AFT | WALL POSITION | B.L. DATA | RN/FT | MACH NUMBERS 0.6 | 0.8 | 0.9 | 1.05 | 1.10 | 1.25 | 1.4 | TEST RUN NUMBERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R3T*56 | P45 | 45° | OUT | OUT | .03 | 0 | 0 | OUT | | 6.0 | 279.1 | | 282.1 | | 267.1 | 259.1 | | |
| 57 | P45+A | | IN | | | | | FLUSH | X | 4.5 | 339.1 | 342.1 | 398.1 | 397.2 | 354.1 | 353.1 | 352.1 | |
| 58 | | | | | | | | | X | | | | 398.2 | 355.1 | | | | |
| 59 | | | | | | | | | X | | | | 398.3 | | | | | |
| 60 | | | | | | | | | X | | | | 356.1 | | | | | |
| 61 | | | | | | | | OUT | X | | 340.1 | 341.2 | 351.1 | 350.1 | 345.1 | 344.1 | 343.2 | |
| 62 | P45+A+S | | | IN | | | | FLUSH | | 2.0 | | | | 338.1 | 335.1 | 334.1 | | |
| 63 | | | | | | | | | X | 4.5 | | | 314.1 | 315.1 | 316.1 | 317.1 | 318.1 | |
| 64 | | | | | | | | | | 6.0 | | | | 331.1 | 330.4 | 319.2 | | |
| 65 | | | | | | | | OUT | | 2.0 | | | | 337.1 | 336.1 | 333.1 | | |
| 66 | | | | | | | | | X | 4.5 | | | 313.1 | 312.2 | 311.1 | 310.1 | 309.1 | |
| 67 | | | | | | | | | | 6.0 | | | | 332.1 | 321.1 | 320.1 | | |
| 68 | P45+S | | OUT | | | | | FLUSH | | 2.0 | | | | 300.1 | 299.1 | 296.2 | | |
| 69 | | | | | | | | | X | 4.5 | | | 307.1 | 306.1 | 303.1 | 288.1 | 287.2 | |
| 70 | | | | | | | | | | 6.0 | | | | 295.1 | 292.1 | 302.2 | | |
| 71 | | | | | | | | | | | | | | 295.2 | | 291.1 | | |
| 72 | | | | | | | | | | | | | | 295.3 | | | | |
| 73 | | | | | | | | OUT | | 2.0 | | | | 301.1 | 298.1 | 297.1 | | |

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICIENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES

NASA-MSFC-MAF

TABLE II (Concluded)

TEST: ØA252 (ARC 382-22

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 11/29/79

| DATA SET IDENTIFIER | CONFIGURATION | PANEL | TILE A | SHOCK GEN | GAP SIZE | TILE STEP FWD | TILE STEP AFT | WALL POSITION | B.L. DATA | RN/FT | MACH NUMBERS 0.6 | 0.8 | 0.9 | 1.05 | 1.10 | 1.25 | 1.4 | TEST RUN NUMBERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R3T*74 | P45+5 | 45° | OUT | IN | .03 | 0 | 0 | OUT | | 2.0 | | | | | 298.2 | | | |
| 75 | | | | | | | | | X | 4.5 | | | 308.1 | 305.1 | 304.1 | 289.1 | 286.1 | |
| 76 | | | | | | | | | | 6.0 | | | | 294.1 | 293.1 | 290.1 | | |
| 77 | P45 | | | OUT | | -.02 | -.02 | FLUSH | | 4.5 | 367.1 | 366.1 | 365.1 | 364.1 | 363.1 | 362.1 | 361.3 | |
| 78 | | | | | | .02 | .02 | | | | 374.1 | 373.1 | 372.1 | 371.1 | 370.1 | 369.1 | 368.1 | |
| 79 | | | | | | 0 | .16 | | | | 381.1 | 380.1 | 379.1 | 378.1 | 377.1 | 376.1 | 375.1 | |
| 80 | | | | | .017 | 0 | 0 | | | | 388.1 | 387.1 | 386.1 | 385.1 | 384.1 | 383.1 | 382.1 | |
| 81 | | | | | .067 | 0 | 0 | | | | 395.1 | 394.1 | 393.1 | 392.1 | 391.1 | 390.1 | 389.1 | |
| 82 | P45+A | | IN | | .03 | -.02 | -.02 | | | | | | | 360.1 | 359.1 | 358.1 | 357.2 | |

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICIENTS IDVAR (1) IDVAR (2) NDV

α OR β

SCHEDULES

NASA-MSFC-MAF

a. SURFACE MEASUREMENTS-45 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 1 | A 1 | 0.000 | 2.121 | -2.400 |
| 2 | A 2 | 0.707 | 1.414 | -2.400 |
| 3 | A 3 | 1.414 | 0.707 | -2.400 |
| 4 | A 4 | 2.121 | 0.000 | -2.400 |
| 5 | A 5 | -0.707 | 1.414 | -2.400 |
| 6 | A 6 | 0.000 | 0.707 | -2.400 |
| 7 | A 7 | 0.707 | 0.000 | -2.400 |
| 8 | A 8 | 1.414 | -0.707 | -2.400 |
| 9 | A 9 | -1.414 | 0.707 | -2.400 |
| 10 | A10 | -0.707 | 0.000 | -2.400 |
| 11 | A11 | 0.000 | -0.707 | -2.400 |
| 12 | A12 | 0.707 | -1.414 | -2.400 |
| 13 | A13 | -2.121 | 0.000 | -2.400 |
| 14 | A14 | -1.414 | -0.707 | -2.400 |
| 15 | A15 | -0.707 | -1.414 | -2.400 |
| 16 | A16 | 0.000 | -2.121 | -2.400 |
| 17 | B 1 | -1.425 | 6.396 | 0.000 |
| 18 | B 2 | -0.718 | 5.689 | 0.000 |
| 19 | B 3 | -0.011 | 4.982 | 0.000 |
| 20 | B 4 | 0.697 | 4.274 | 0.000 |
| 21 | B 5 | -2.132 | 5.689 | 0.000 |
| 22 | B 6 | -1.425 | 4.982 | 0.000 |
| 23 | B 7 | -0.718 | 4.274 | 0.000 |
| 24 | B 8 | -0.011 | 3.567 | 0.000 |
| 25 | B 9 | -2.839 | 4.982 | 0.000 |
| 26 | B10 | -2.132 | 4.274 | 0.000 |
| 27 | B11 | -1.425 | 3.567 | 0.000 |
| 28 | B12 | -0.718 | 2.860 | 0.000 |
| 29 | B13 | -3.546 | 4.274 | 0.000 |
| 30 | B14 | -2.839 | 3.567 | 0.000 |
| 31 | B15 | -2.132 | 2.860 | 0.000 |
| 32 | B16 | -1.425 | 2.153 | 0.000 |
| 33 | C 1 | -4.274 | 3.546 | 0.000 |
| 34 | C 2 | -3.567 | 2.839 | 0.000 |
| 35 | C 3 | -2.860 | 2.132 | 0.000 |
| 36 | C 4 | -2.153 | 1.425 | 0.000 |
| 37 | C 5 | -4.982 | 2.839 | 0.000 |
| 38 | C 6 | -4.274 | 2.132 | 0.000 |
| 39 | C 7 | -3.567 | 1.425 | 0.000 |
| 40 | C 8 | -2.860 | 0.718 | 0.000 |
| 41 | C 9 | -5.689 | 2.132 | 0.000 |
| 42 | C10 | -4.982 | 1.425 | 0.000 |
| 43 | C11 | -4.274 | 0.718 | 0.000 |
| 44 | C12 | -3.567 | 0.011 | 0.000 |
| 45 | C13 | -6.396 | 1.425 | 0.000 |
| 46 | C14 | -5.689 | 0.718 | 0.000 |
| 47 | C15 | -4.982 | 0.011 | 0.000 |
| 48 | C16 | -4.274 | -0.697 | 0.000 |
| 49 | D 1 | -2.850 | -0.728 | 0.000 |
| 50 | D 2 | -2.143 | -1.435 | 0.000 |

TABLE III (Continued)

a. SURFACE MEASUREMENTS-45 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 51 | D 3 | -1.435 | -2.143 | 0.000 |
| 52 | D 4 | -0.728 | -2.850 | 0.000 |
| 53 | D 5 | -3.557 | -1.435 | 0.000 |
| 54 | D 6 | -2.850 | -2.143 | 0.000 |
| 55 | D 7 | -2.143 | -2.850 | 0.000 |
| 56 | D 8 | -1.435 | -3.557 | 0.000 |
| 57 | D 9 | -4.264 | -2.143 | 0.000 |
| 58 | D10 | -3.557 | -2.850 | 0.000 |
| 59 | D11 | -2.850 | -3.557 | 0.000 |
| 60 | D12 | -2.143 | -4.264 | 0.000 |
| 61 | D13 | -4.971 | -2.850 | 0.000 |
| 62 | D14 | -4.264 | -3.557 | 0.000 |
| 63 | D15 | -3.557 | -4.264 | 0.000 |
| 64 | D16 | -2.850 | -4.971 | 0.000 |
| 65 | E 1 | 1.425 | -2.153 | 0.000 |
| 66 | E 2 | 2.132 | -2.860 | 0.000 |
| 67 | E 3 | 2.839 | -3.567 | 0.000 |
| 68 | E 4 | 3.546 | -4.274 | 0.000 |
| 69 | E 5 | 0.718 | -2.860 | 0.000 |
| 70 | E 6 | 1.425 | -3.567 | 0.000 |
| 71 | E 7 | 2.132 | -4.274 | 0.000 |
| 72 | E 8 | 2.839 | -4.982 | 0.000 |
| 73 | E 9 | 0.011 | -3.567 | 0.000 |
| 74 | E10 | 0.718 | -4.274 | 0.000 |
| 75 | E11 | 1.425 | -4.982 | 0.000 |
| 76 | E12 | 2.132 | -5.689 | 0.000 |
| 77 | E13 | -0.697 | -4.274 | 0.000 |
| 78 | E14 | 0.011 | -4.982 | 0.000 |
| 79 | E15 | 0.718 | -5.689 | 0.000 |
| 80 | E16 | 1.425 | -6.396 | 0.000 |
| 81 | F 1 | 4.274 | 0.697 | 0.000 |
| 82 | F 2 | 4.982 | -0.011 | 0.000 |
| 83 | F 3 | 5.689 | -0.718 | 0.000 |
| 84 | F 4 | 6.396 | -1.425 | 0.000 |
| 85 | F 5 | 3.567 | -0.011 | 0.000 |
| 86 | F 6 | 4.274 | -0.718 | 0.000 |
| 87 | F 7 | 4.982 | -1.425 | 0.000 |
| 88 | F 8 | 5.689 | -2.132 | 0.000 |
| 89 | F 9 | 2.860 | -0.718 | 0.000 |
| 90 | F10 | 3.567 | -1.425 | 0.000 |
| 91 | F11 | 4.274 | -2.132 | 0.000 |
| 92 | F12 | 4.982 | -2.839 | 0.000 |
| 93 | F13 | 2.153 | -1.425 | 0.000 |
| 94 | F14 | 2.860 | -2.132 | 0.000 |
| 95 | F15 | 3.567 | -2.839 | 0.000 |
| 96 | F16 | 4.274 | -3.546 | 0.000 |
| 97 | G 1 | 2.850 | 4.971 | 0.000 |
| 98 | G 2 | 3.557 | 4.264 | 0.000 |
| 99 | G 3 | 4.264 | 3.557 | 0.000 |
| 100 | G 4 | 4.971 | 2.850 | 0.000 |

a. SURFACE MEASUREMENTS-45 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 101 | G 5 | 2.143 | 4.264 | 0.000 |
| 102 | G 6 | 2.850 | 3.557 | 0.000 |
| 103 | G 7 | 3.557 | 2.850 | 0.000 |
| 104 | G 8 | 4.264 | 2.143 | 0.000 |
| 105 | G 9 | 1.435 | 3.557 | 0.000 |
| 106 | G10 | 2.143 | 2.850 | 0.000 |
| 107 | G11 | 2.850 | 2.143 | 0.000 |
| 108 | G12 | 3.557 | 1.435 | 0.000 |
| 109 | G13 | 0.728 | 2.850 | 0.000 |
| 110 | G14 | 1.435 | 2.143 | 0.000 |
| 111 | G15 | 2.143 | 1.435 | 0.000 |
| 112 | G16 | 2.850 | 0.728 | 0.000 |

b. TILE WALL MEASUREMENTS-45 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 113 | 1A | -1.435 | 7.135 | -0.400 |
| 114 | 1B | -1.435 | 7.135 | -1.200 |
| 115 | 1C | -1.435 | 7.135 | -2.000 |
| 116 | 2A | -4.285 | 4.285 | -0.400 |
| 117 | 2B | -4.285 | 4.285 | -1.200 |
| 118 | 2C | -4.285 | 4.285 | -2.000 |
| 119 | 3A | -7.135 | 1.435 | -0.400 |
| 120 | 3B | -7.135 | 1.435 | -1.200 |
| 121 | 3C | -7.135 | 1.435 | -2.000 |
| 122 | 4A | -2.860 | 5.710 | -0.400 |
| 123 | 4B | -2.860 | 5.710 | -1.200 |
| 124 | 4C | -2.860 | 5.710 | -2.000 |
| 125 | 5A | -5.710 | 2.860 | -0.400 |
| 126 | 5B | -5.710 | 2.860 | -1.200 |
| 127 | 5C | -5.710 | 2.860 | -2.000 |
| 128 | 6A | 0.011 | 5.710 | -0.400 |
| 129 | 6B | 0.011 | 5.710 | -1.200 |
| 130 | 6C | 0.011 | 5.710 | -2.000 |
| 131 | 7A | -2.860 | 2.839 | -0.400 |
| 132 | 7B | -2.860 | 2.839 | -1.200 |
| 133 | 7C | -2.860 | 2.839 | -2.000 |
| 134 | 8A | -5.710 | -0.011 | -0.400 |
| 135 | 8B | -5.710 | -0.011 | -1.200 |
| 136 | 8C | -5.710 | -0.011 | -2.000 |
| 137 | 9A | 2.839 | 5.710 | -0.400 |
| 138 | 9B | 2.839 | 5.710 | -1.200 |
| 139 | 9C | 2.839 | 5.710 | -2.000 |
| 140 | 10A | -0.099 | 2.772 | -0.400 |
| 141 | 10B | -0.099 | 2.772 | -1.200 |
| 142 | 10C | -0.099 | 2.772 | -2.000 |
| 143 | 11A | -1.534 | 1.336 | -0.400 |
| 144 | 11B | -1.534 | 1.336 | -1.200 |
| 145 | 11C | -1.534 | 1.336 | -2.000 |
| 146 | 12A | -2.772 | 0.099 | -0.400 |
| 147 | 12B | -2.772 | 0.099 | -1.200 |
| 148 | 12C | -2.772 | 0.099 | -2.000 |
| 149 | 13A | -5.710 | -2.839 | -0.400 |
| 150 | 13B | -5.710 | -2.839 | -1.200 |
| 151 | 13C | -5.710 | -2.839 | -2.000 |
| 152 | 14A | 1.435 | 4.264 | -0.400 |
| 153 | 14B | 1.435 | 4.264 | -1.200 |
| 154 | 14C | 1.435 | 4.264 | -2.000 |
| 155 | 15A | -4.264 | -1.435 | -0.400 |
| 156 | 15B | -4.264 | -1.435 | -1.200 |
| 157 | 15C | -4.264 | -1.435 | -2.000 |
| 158 | 16A | 4.285 | 4.285 | -0.400 |
| 159 | 16B | 4.285 | 4.285 | -1.200 |
| 160 | 16C | 4.285 | 4.285 | -2.000 |

b. TILE WALL MEASUREMENTS-45 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 161 | 17A | 1.435 | 1.435 | -0.400 |
| 162 | 17B | 1.435 | 1.435 | -1.200 |
| 163 | 17C | 1.435 | 1.435 | -2.000 |
| 164 | 18A | -1.435 | -1.435 | -0.400 |
| 165 | 18B | -1.435 | -1.435 | -1.200 |
| 166 | 18C | -1.435 | -1.435 | -2.000 |
| 167 | 19A | -4.285 | -4.285 | -0.400 |
| 168 | 19B | -4.285 | -4.285 | -1.200 |
| 169 | 19C | -4.285 | -4.285 | -2.000 |
| 170 | 20A | 4.264 | 1.435 | -0.400 |
| 171 | 20B | 4.264 | 1.435 | -1.200 |
| 172 | 20C | 4.264 | 1.435 | -2.000 |
| 173 | 21A | -1.435 | -4.264 | -0.400 |
| 174 | 21B | -1.435 | -4.264 | -1.200 |
| 175 | 21C | -1.435 | -4.264 | -2.000 |
| 176 | 22A | 5.710 | 2.839 | -0.400 |
| 177 | 22B | 5.710 | 2.839 | -1.200 |
| 178 | 22C | 5.710 | 2.839 | -2.000 |
| 179 | 23A | 2.772 | -0.099 | -0.400 |
| 180 | 23B | 2.772 | -0.099 | -1.200 |
| 181 | 23C | 2.772 | -0.099 | -2.000 |
| 182 | 24A | 1.336 | -1.534 | -0.400 |
| 183 | 24B | 1.336 | -1.534 | -1.200 |
| 184 | 24C | 1.336 | -1.534 | -2.000 |
| 185 | 25A | 0.099 | -2.772 | -0.400 |
| 186 | 25B | 0.099 | -2.772 | -1.200 |
| 187 | 25C | 0.099 | -2.772 | -2.000 |
| 188 | 26A | -2.839 | -5.710 | -0.400 |
| 189 | 26B | -2.839 | -5.710 | -1.200 |
| 190 | 26C | -2.839 | -5.710 | -2.000 |
| 191 | 27A | 5.710 | 0.011 | -0.400 |
| 192 | 27B | 5.710 | 0.011 | -1.200 |
| 193 | 27C | 5.710 | 0.011 | -2.000 |
| 194 | 28A | 2.839 | -2.860 | -0.400 |
| 195 | 28B | 2.839 | -2.860 | -1.200 |
| 196 | 28C | 2.839 | -2.860 | -2.000 |
| 197 | 29A | -0.011 | -5.710 | -0.400 |
| 198 | 29B | -0.011 | -5.710 | -1.200 |
| 199 | 29C | -0.011 | -5.710 | -2.000 |
| 200 | 30A | 5.689 | -2.839 | -0.400 |
| 201 | 30B | 5.689 | -2.839 | -1.200 |
| 202 | 30C | 5.689 | -2.839 | -2.000 |
| 203 | 31A | 2.839 | -5.689 | -0.400 |
| 204 | 31B | 2.839 | -5.689 | -1.200 |
| 205 | 31C | 2.839 | -5.689 | -2.000 |
| 206 | 32A | 7.135 | -1.435 | -0.400 |
| 207 | 32B | 7.135 | -1.435 | -1.200 |
| 208 | 32C | 7.135 | -1.435 | -2.000 |

b. TILE WALL MEASUREMENTS-45 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 209 | 33A | 4.285 | -4.285 | -0.400 |
| 210 | 33B | 4.285 | -4.285 | -1.200 |
| 211 | 33C | 4.285 | -4.285 | -2.000 |
| 212 | 34A | 1.435 | -7.135 | -0.400 |
| 213 | 34B | 1.435 | -7.135 | -1.200 |
| 214 | 34C | 1.435 | -7.135 | -2.000 |

TABLE IV

FIXTURE MEASUREMENTS

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 215 | P 1 | -14.475 | 9.000 | 0.000 |
| 216 | P 2 | -14.475 | 6.000 | 0.000 |
| 217 | P 3 | -14.475 | 3.000 | 0.000 |
| 218 | P 4 | -14.475 | 0.000 | 0.000 |
| 219 | P 5 | -14.475 | -3.000 | 0.000 |
| 220 | P 6 | -14.475 | -6.000 | 0.000 |
| 221 | P 7 | -14.475 | -9.000 | 0.000 |
| 222 | P 8 | -12.000 | 10.700 | 0.000 |
| 223 | P 9 | -9.000 | 10.700 | 0.000 |
| 224 | P10 | -6.000 | 10.700 | 0.000 |
| 225 | P11 | -3.000 | 10.700 | 0.000 |
| 226 | P12 | 0.000 | 10.700 | 0.000 |
| 227 | P13 | 3.000 | 10.700 | 0.000 |
| 228 | P14 | 6.000 | 10.700 | 0.000 |
| 229 | P15 | 9.000 | 10.700 | 0.000 |
| 230 | P16 | 12.000 | 10.700 | 0.000 |
| 231 | P17 | -12.000 | -10.700 | 0.000 |
| 232 | P18 | -9.000 | -10.700 | 0.000 |
| 233 | P19 | -6.000 | -10.700 | 0.000 |
| 234 | P20 | -3.000 | -10.700 | 0.000 |
| 235 | P21 | 0.000 | -10.700 | 0.000 |
| 236 | P22 | 3.000 | -10.700 | 0.000 |
| 237 | P23 | 6.000 | -10.700 | 0.000 |
| 238 | P24 | 9.000 | -10.700 | 0.000 |
| 239 | P25 | 12.000 | -10.700 | 0.000 |
| 240 | P26 | 14.475 | 9.000 | 0.000 |
| 241 | P27 | 14.475 | 3.000 | 0.000 |
| 242 | P28 | 14.475 | 0.000 | 0.000 |
| 243 | P29 | 14.475 | -6.000 | 0.000 |
| 244 | P30 | 14.475 | -9.000 | 0.000 |

TABLE V

Pressure Orifice Locations-(P90)

a. SURFACE MEASUREMENTS-90 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 1 | A 1 | 0.515 | 1.500 | -2.400 |
| 2 | A 2 | 1.515 | 1.500 | -2.400 |
| 3 | A 3 | 2.515 | 1.500 | -2.400 |
| 4 | A 4 | 3.515 | 1.500 | -2.400 |
| 5 | A 5 | 0.515 | 0.500 | -2.400 |
| 6 | A 6 | 1.515 | 0.500 | -2.400 |
| 7 | A 7 | 2.515 | 0.500 | -2.400 |
| 8 | A 8 | 3.515 | 0.500 | -2.400 |
| 9 | A 9 | 0.515 | -0.500 | -2.400 |
| 10 | A10 | 1.515 | -0.500 | -2.400 |
| 11 | A11 | 2.515 | -0.500 | -2.400 |
| 12 | A12 | 3.515 | -0.500 | -2.400 |
| 13 | A13 | 0.515 | -1.500 | -2.400 |
| 14 | A14 | 1.515 | -1.500 | -2.400 |
| 15 | A15 | 2.515 | -1.500 | -2.400 |
| 16 | A16 | 3.515 | -1.500 | -2.400 |
| 17 | B 1 | -3.515 | 3.515 | 0.000 |
| 18 | B 2 | -2.515 | 3.515 | 0.000 |
| 19 | B 3 | -1.515 | 3.515 | 0.000 |
| 20 | B 4 | -0.515 | 3.515 | 0.000 |
| 21 | B 5 | -3.515 | 2.515 | 0.000 |
| 22 | B 6 | -2.515 | 2.515 | 0.000 |
| 23 | B 7 | -1.515 | 2.515 | 0.000 |
| 24 | B 8 | -0.515 | 2.515 | 0.000 |
| 25 | B 9 | -3.515 | 1.515 | 0.000 |
| 26 | B10 | -2.515 | 1.515 | 0.000 |
| 27 | B11 | -1.515 | 1.515 | 0.000 |
| 28 | B12 | -0.515 | 1.515 | 0.000 |
| 29 | B13 | -3.515 | 0.515 | 0.000 |
| 30 | B14 | -2.515 | 0.515 | 0.000 |
| 31 | B15 | -1.515 | 0.515 | 0.000 |
| 32 | B16 | -0.515 | 0.515 | 0.000 |
| 33 | C 1 | -3.515 | -0.515 | 0.000 |
| 34 | C 2 | -2.515 | -0.515 | 0.000 |
| 35 | C 3 | -1.515 | -0.515 | 0.000 |
| 36 | C 4 | -0.515 | -0.515 | 0.000 |
| 37 | C 5 | -3.515 | -1.515 | 0.000 |
| 38 | C 6 | -2.515 | -1.515 | 0.000 |
| 39 | C 7 | -1.515 | -1.515 | 0.000 |
| 40 | C 8 | -0.515 | -1.515 | 0.000 |
| 41 | C 9 | -3.515 | -2.515 | 0.000 |
| 42 | C10 | -2.515 | -2.515 | 0.000 |
| 43 | C11 | -1.515 | -2.515 | 0.000 |
| 44 | C12 | -0.515 | -2.515 | 0.000 |
| 45 | C13 | -3.515 | -3.515 | 0.000 |
| 46 | C14 | -2.515 | -3.515 | 0.000 |
| 47 | C15 | -1.515 | -3.515 | 0.000 |
| 48 | C16 | -0.515 | -3.515 | 0.000 |
| 49 | D 1 | 0.515 | -2.530 | 0.000 |
| 50 | D 2 | 1.515 | -2.530 | 0.000 |

TABLE V (Continued)

a. SURFACE MEASUREMENTS-90 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 51 | D 3 | 2.515 | -2.530 | 0.000 |
| 52 | D 4 | 3.515 | -2.530 | 0.000 |
| 53 | D 5 | 0.515 | -3.530 | 0.000 |
| 54 | D 6 | 1.515 | -3.530 | 0.000 |
| 55 | D 7 | 2.515 | -3.530 | 0.000 |
| 56 | D 8 | 3.515 | -3.530 | 0.000 |
| 57 | D 9 | 0.515 | -4.530 | 0.000 |
| 58 | D10 | 1.515 | -4.530 | 0.000 |
| 59 | D11 | 2.515 | -4.530 | 0.000 |
| 60 | D12 | 3.515 | -4.530 | 0.000 |
| 61 | D13 | 0.515 | -5.530 | 0.000 |
| 62 | D14 | 1.515 | -5.530 | 0.000 |
| 63 | D15 | 2.515 | -5.530 | 0.000 |
| 64 | D16 | 3.515 | -5.530 | 0.000 |
| 65 | E 1 | 4.545 | -0.515 | 0.000 |
| 66 | E 2 | 5.545 | -0.515 | 0.000 |
| 67 | E 3 | 6.545 | -0.515 | 0.000 |
| 68 | E 4 | 7.545 | -0.515 | 0.000 |
| 69 | E 5 | 4.545 | -1.515 | 0.000 |
| 70 | E 6 | 5.545 | -1.515 | 0.000 |
| 71 | E 7 | 6.545 | -1.515 | 0.000 |
| 72 | E 8 | 7.545 | -1.515 | 0.000 |
| 73 | E 9 | 4.545 | -2.515 | 0.000 |
| 74 | E10 | 5.545 | -2.515 | 0.000 |
| 75 | E11 | 6.545 | -2.515 | 0.000 |
| 76 | E12 | 7.545 | -2.515 | 0.000 |
| 77 | E13 | 4.545 | -3.515 | 0.000 |
| 78 | E14 | 5.545 | -3.515 | 0.000 |
| 79 | E15 | 6.545 | -3.515 | 0.000 |
| 80 | E16 | 7.545 | -3.515 | 0.000 |
| 81 | F 1 | 4.545 | 3.515 | 0.000 |
| 82 | F 2 | 5.545 | 3.515 | 0.000 |
| 83 | F 3 | 6.545 | 3.515 | 0.000 |
| 84 | F 4 | 7.545 | 3.515 | 0.000 |
| 85 | F 5 | 4.545 | 2.515 | 0.000 |
| 86 | F 6 | 5.545 | 2.515 | 0.000 |
| 87 | F 7 | 6.545 | 2.515 | 0.000 |
| 88 | F 8 | 7.545 | 2.515 | 0.000 |
| 89 | F 9 | 4.545 | 1.515 | 0.000 |
| 90 | F10 | 5.545 | 1.515 | 0.000 |
| 91 | F11 | 6.545 | 1.515 | 0.000 |
| 92 | F12 | 7.545 | 1.515 | 0.000 |
| 93 | F13 | 4.545 | 0.515 | 0.000 |
| 94 | F14 | 5.545 | 0.515 | 0.000 |
| 95 | F15 | 6.545 | 0.515 | 0.000 |
| 96 | F16 | 7.545 | 0.515 | 0.000 |
| 97 | G 1 | 0.515 | 5.530 | 0.000 |
| 98 | G 2 | 1.515 | 5.530 | 0.000 |
| 99 | G 3 | 2.515 | 5.530 | 0.000 |
| 100 | G 4 | 3.515 | 5.530 | 0.000 |

TABLE V (Continued)

a. SURFACE MEASUREMENTS-90 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 101 | G 5 | 0.515 | 4.530 | 0.000 |
| 102 | G 6 | 1.515 | 4.530 | 0.000 |
| 103 | G 7 | 2.515 | 4.530 | 0.000 |
| 104 | G 8 | 3.515 | 4.530 | 0.000 |
| 105 | G 9 | 0.515 | 3.530 | 0.000 |
| 106 | G10 | 1.515 | 3.530 | 0.000 |
| 107 | G11 | 2.515 | 3.530 | 0.000 |
| 108 | G12 | 3.515 | 3.530 | 0.000 |
| 109 | G13 | 0.515 | 2.530 | 0.000 |
| 110 | G14 | 1.515 | 2.530 | 0.000 |
| 111 | G15 | 2.515 | 2.530 | 0.000 |
| 112 | G16 | 3.515 | 2.530 | 0.000 |

b. TILE WALL MEASUREMENTS-90 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 113 | 1A | -4.045 | 4.030 | -0.400 |
| 114 | 1B | -4.045 | 4.030 | -1.200 |
| 115 | 1C | -4.045 | 4.030 | -2.000 |
| 116 | 2A | -4.045 | 0.000 | -0.400 |
| 117 | 2B | -4.045 | 0.000 | -1.200 |
| 118 | 2C | -4.045 | 0.000 | -2.000 |
| 119 | 3A | -4.045 | -4.030 | -0.400 |
| 120 | 3B | -4.045 | -4.030 | -1.200 |
| 121 | 3C | -4.045 | -4.030 | -2.000 |
| 122 | 4A | -4.045 | 2.015 | -0.400 |
| 123 | 4B | -4.045 | 2.015 | -1.200 |
| 124 | 4C | -4.045 | 2.015 | -2.000 |
| 125 | 5A | -4.045 | -2.015 | -0.400 |
| 126 | 5B | -4.045 | -2.015 | -1.200 |
| 127 | 5C | -4.045 | -2.015 | -2.000 |
| 128 | 6A | -2.015 | 4.045 | -0.400 |
| 129 | 6B | -2.015 | 4.045 | -1.200 |
| 130 | 6C | -2.015 | 4.045 | -2.000 |
| 131 | 7A | -2.015 | -0.015 | -0.400 |
| 132 | 7B | -2.015 | -0.015 | -1.200 |
| 133 | 7C | -2.015 | -0.015 | -2.000 |
| 134 | 8A | -2.015 | -4.045 | -0.400 |
| 135 | 8B | -2.015 | -4.045 | -1.200 |
| 136 | 8C | -2.015 | -4.045 | -2.000 |
| 137 | 9A | -0.015 | 6.045 | -0.400 |
| 138 | 9B | -0.015 | 6.045 | -1.200 |
| 139 | 9C | -0.015 | 6.045 | -2.000 |
| 140 | 10A | -0.015 | 1.890 | -0.400 |
| 141 | 10B | -0.015 | 1.890 | -1.200 |
| 142 | 10C | -0.015 | 1.890 | -2.000 |
| 143 | 11A | -0.015 | -0.140 | -0.400 |
| 144 | 11B | -0.015 | -0.140 | -1.200 |
| 145 | 11C | -0.015 | -0.140 | -2.000 |
| 146 | 12A | -0.015 | -1.890 | -0.400 |
| 147 | 12B | -0.015 | -1.890 | -1.200 |
| 148 | 12C | -0.015 | -1.890 | -2.000 |
| 149 | 13A | -0.015 | -6.045 | -0.400 |
| 150 | 13B | -0.015 | -6.045 | -1.200 |
| 151 | 13C | -0.015 | -6.045 | -2.000 |
| 152 | 14A | 0.015 | 4.030 | -0.400 |
| 153 | 14B | 0.015 | 4.030 | -1.200 |
| 154 | 14C | 0.015 | 4.030 | -2.000 |
| 155 | 15A | 0.015 | -4.030 | -0.400 |
| 156 | 15B | 0.015 | -4.030 | -1.200 |
| 157 | 15C | 0.015 | -4.030 | -2.000 |
| 158 | 16A | 2.015 | 6.060 | -0.400 |
| 159 | 16B | 2.015 | 6.060 | -1.200 |
| 160 | 16C | 2.015 | 6.060 | -2.000 |

b. TILE WALL MEASUREMENTS-90 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 161 | 17A | 2.015 | 2.030 | -0.400 |
| 162 | 17B | 2.015 | 2.030 | -1.200 |
| 163 | 17C | 2.015 | 2.030 | -2.000 |
| 164 | 18A | 2.015 | -2.030 | -0.400 |
| 165 | 18B | 2.015 | -2.030 | -1.200 |
| 166 | 18C | 2.015 | -2.030 | -2.000 |
| 167 | 19A | 2.015 | -6.060 | -0.400 |
| 168 | 19B | 2.015 | -6.060 | -1.200 |
| 169 | 19C | 2.015 | -6.060 | -2.000 |
| 170 | 20A | 4.015 | 4.030 | -0.400 |
| 171 | 20B | 4.015 | 4.030 | -1.200 |
| 172 | 20C | 4.015 | 4.030 | -2.000 |
| 173 | 21A | 4.015 | -4.030 | -0.400 |
| 174 | 21B | 4.015 | -4.030 | -1.200 |
| 175 | 21C | 4.015 | -4.030 | -2.000 |
| 176 | 22A | 4.045 | 6.045 | -0.400 |
| 177 | 22B | 4.045 | 6.045 | -1.200 |
| 178 | 22C | 4.045 | 6.045 | -2.000 |
| 179 | 23A | 4.045 | 1.890 | -0.400 |
| 180 | 23B | 4.045 | 1.890 | -1.200 |
| 181 | 23C | 4.045 | 1.890 | -2.000 |
| 182 | 24A | 4.045 | -0.140 | -0.400 |
| 183 | 24B | 4.045 | -0.140 | -1.200 |
| 184 | 24C | 4.045 | -0.140 | -2.000 |
| 185 | 25A | 4.045 | -1.890 | -0.400 |
| 186 | 25B | 4.045 | -1.890 | -1.200 |
| 187 | 25C | 4.045 | -1.890 | -2.000 |
| 188 | 26A | 4.045 | -6.045 | -0.400 |
| 189 | 26B | 4.045 | -6.045 | -1.200 |
| 190 | 26C | 4.045 | -6.045 | -2.000 |
| 191 | 27A | 6.045 | 4.045 | -0.400 |
| 192 | 27B | 6.045 | 4.045 | -1.200 |
| 193 | 27C | 6.045 | 4.045 | -2.000 |
| 194 | 28A | 6.045 | -0.015 | -0.400 |
| 195 | 28B | 6.045 | -0.015 | -1.200 |
| 196 | 28C | 6.045 | -0.015 | -2.000 |
| 197 | 29A | 6.045 | -4.045 | -0.400 |
| 198 | 29B | 6.045 | -4.045 | -1.200 |
| 199 | 29C | 6.045 | -4.045 | -2.000 |
| 200 | 30A | 8.045 | 2.015 | -0.400 |
| 201 | 30B | 8.045 | 2.015 | -1.200 |
| 202 | 30C | 8.045 | 2.015 | -2.000 |
| 203 | 31A | 8.045 | -2.015 | -0.400 |
| 204 | 31B | 8.045 | -2.015 | -1.200 |
| 205 | 31C | 8.045 | -2.015 | -2.000 |
| 206 | 32A | 8.075 | 4.030 | -0.400 |
| 207 | 32B | 8.075 | 4.030 | -1.200 |
| 208 | 32C | 8.075 | 4.030 | -2.000 |

b. TILE WALL MEASUREMENTS-90 DEG. PANEL

| ORIFICE NO. | ID | LOCATION X | Y | Z |
|---|---|---|---|---|
| 209 | 33A | 8.075 | 0.000 | -0.400 |
| 210 | 33B | 8.075 | 0.000 | -1.200 |
| 211 | 33C | 8.075 | 0.000 | -2.000 |
| 212 | 34A | 8.075 | -4.030 | -0.400 |
| 213 | 34B | 8.075 | -4.030 | -1.200 |
| 214 | 34C | 8.075 | -4.030 | -2.000 |

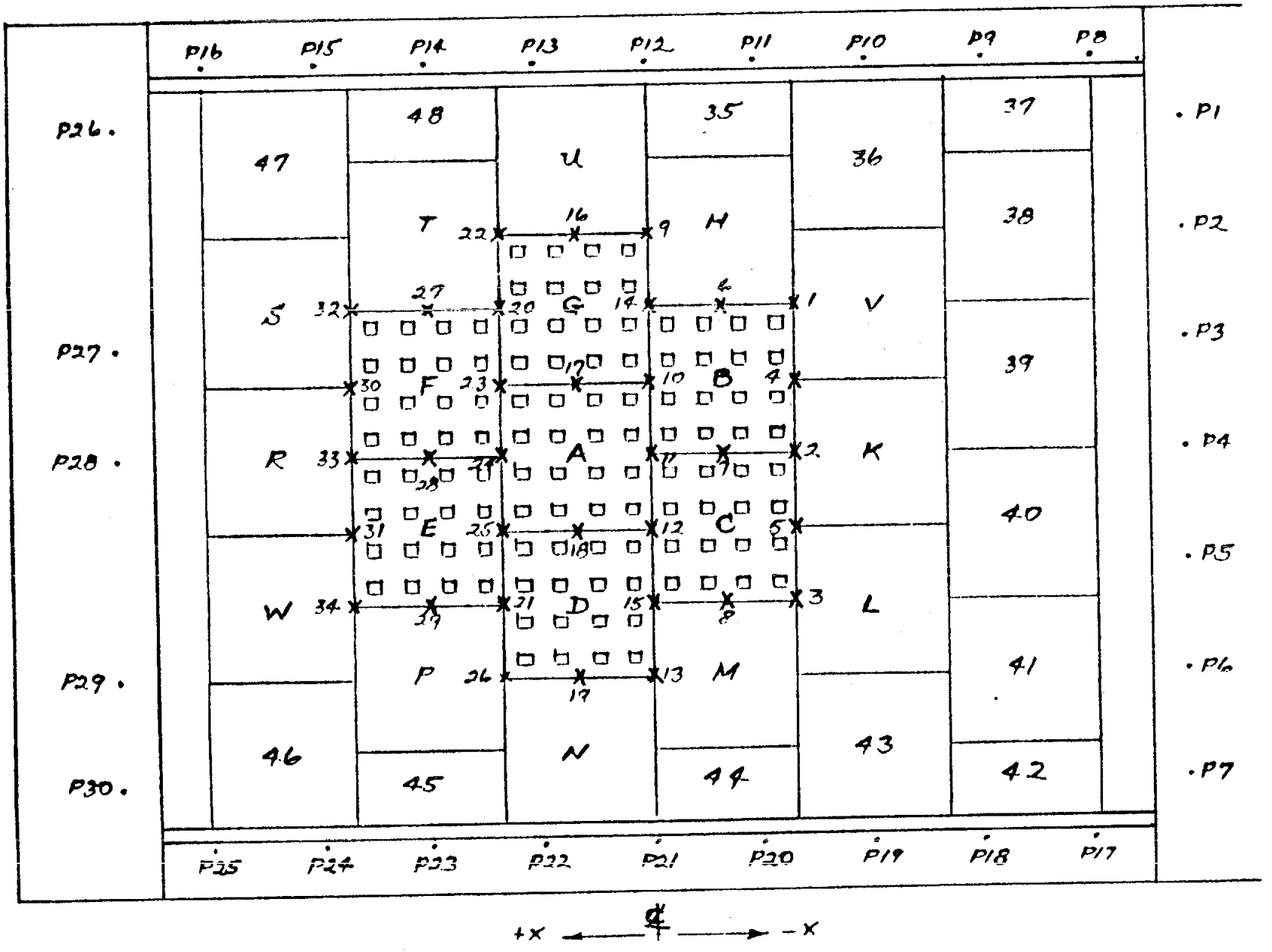



FIGURE 1. 90° PANEL AND MOVEABLE WALL

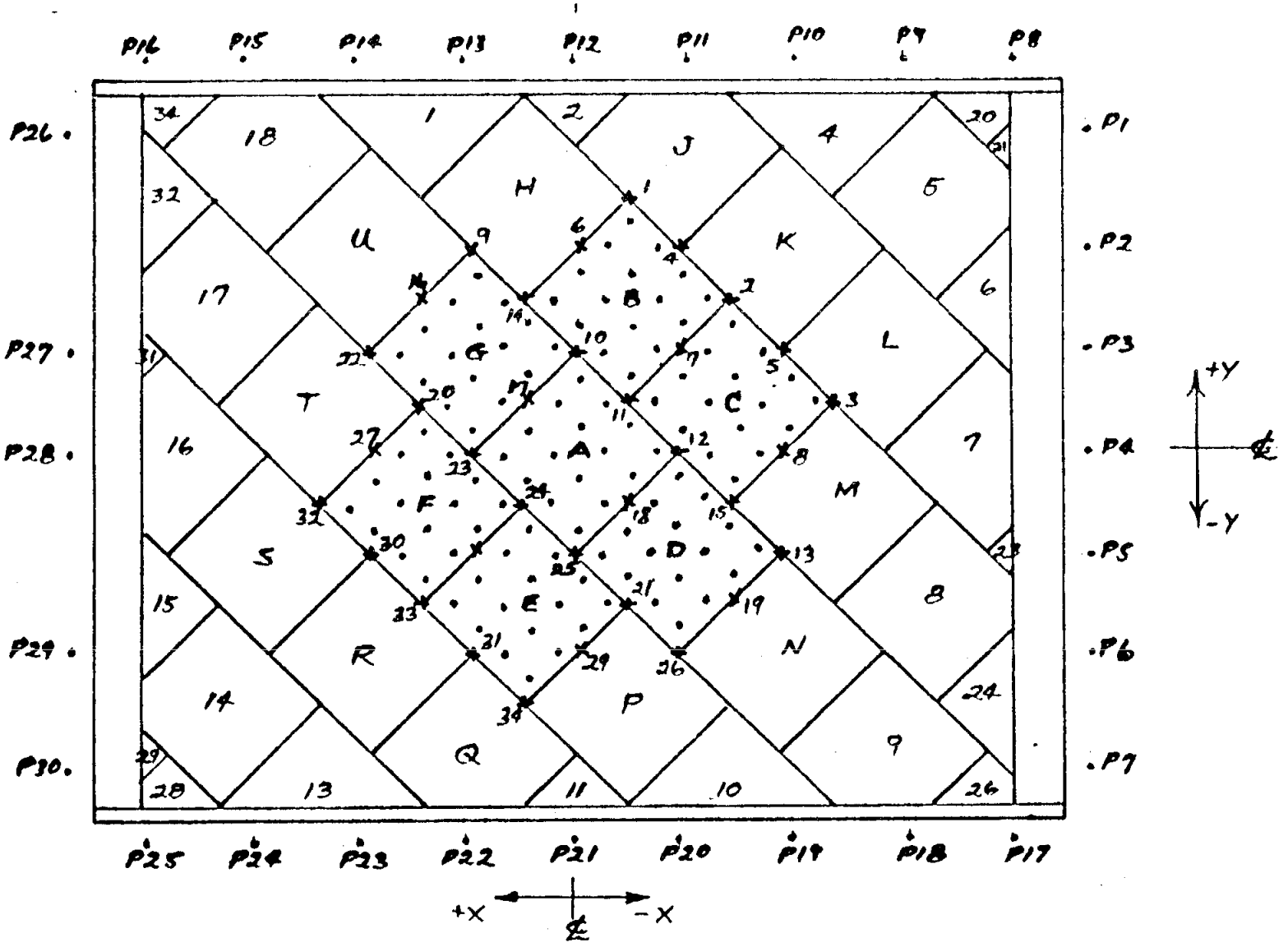



FIGURE 2. 45° PANEL

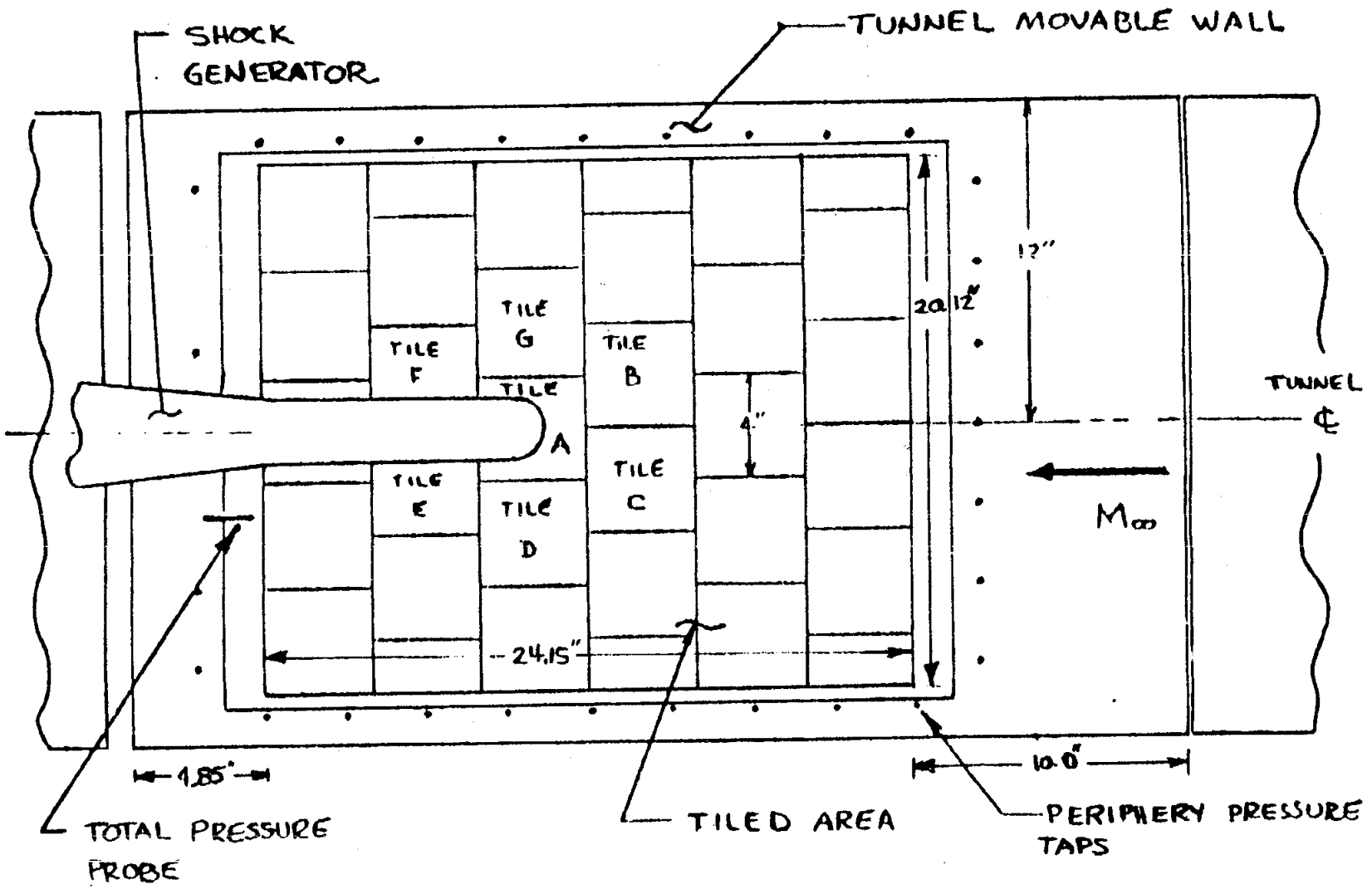



FIGURE 3. 90° PANEL AND SHOCK GENERATOR

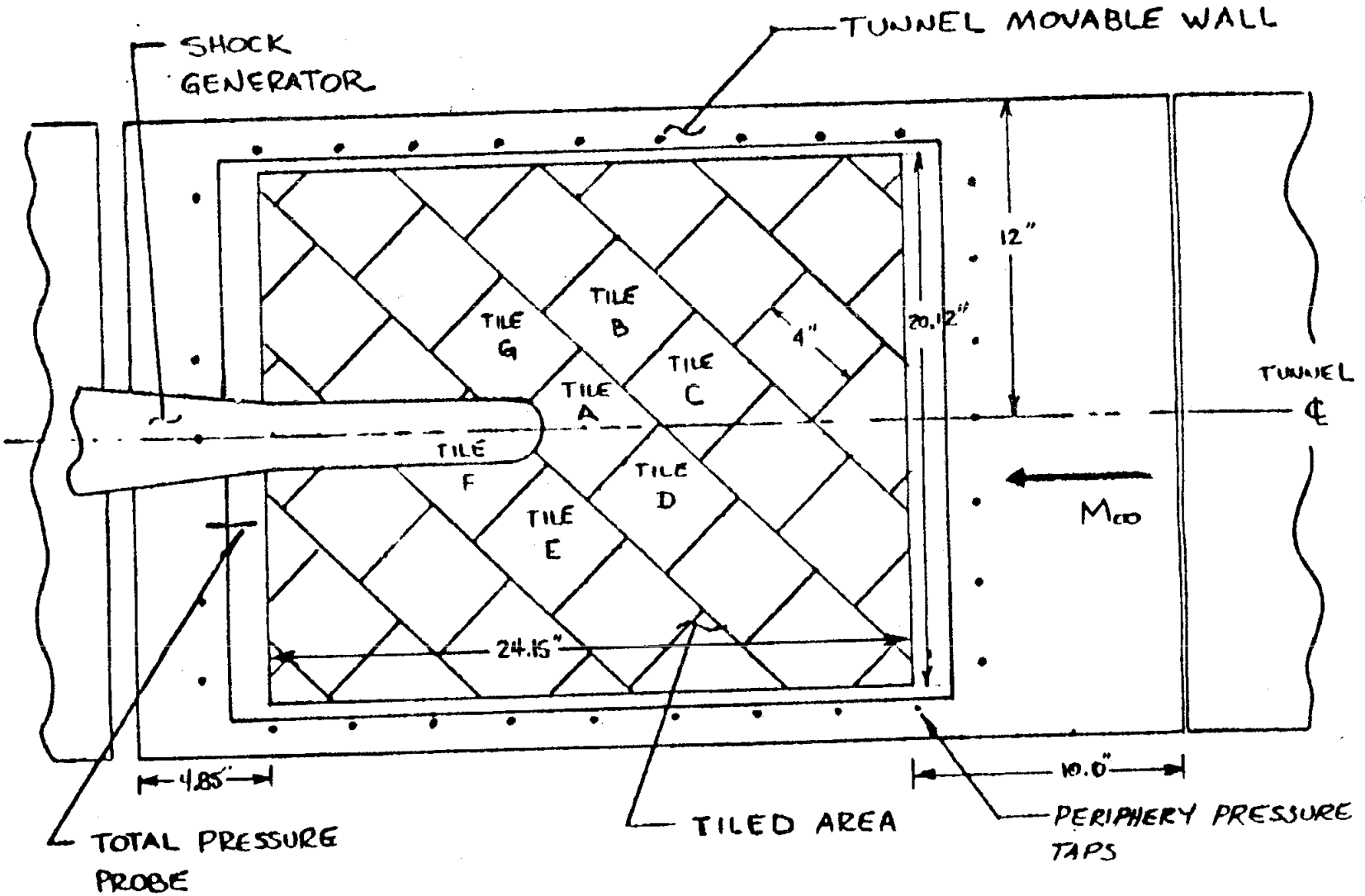
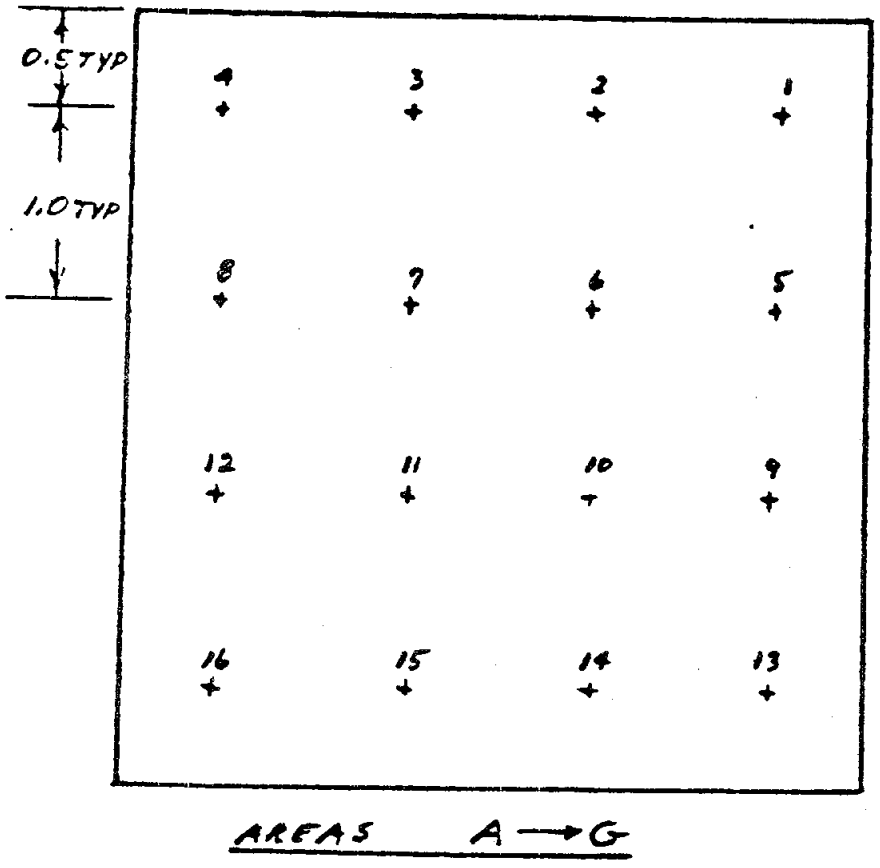



FIGURE 4. 45° PANEL AND SHOCK GENERATOR



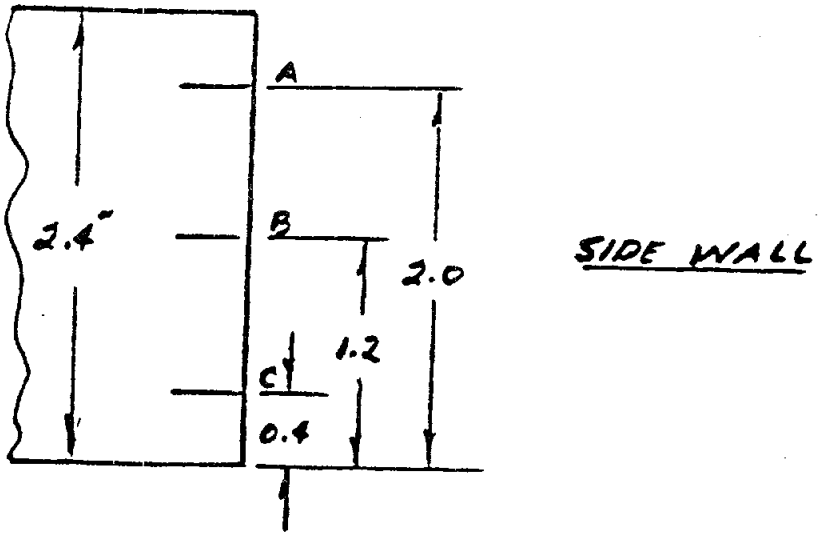
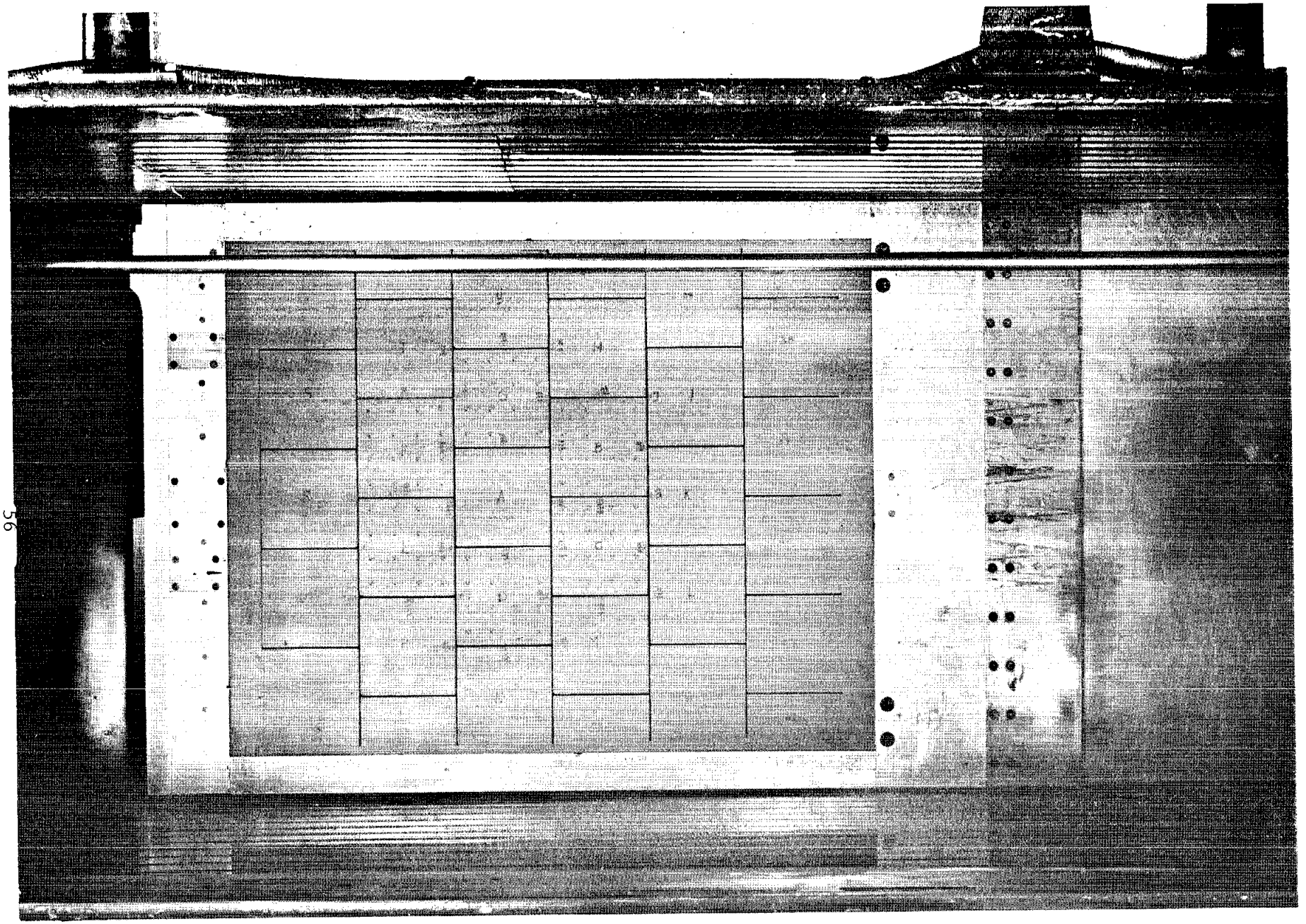
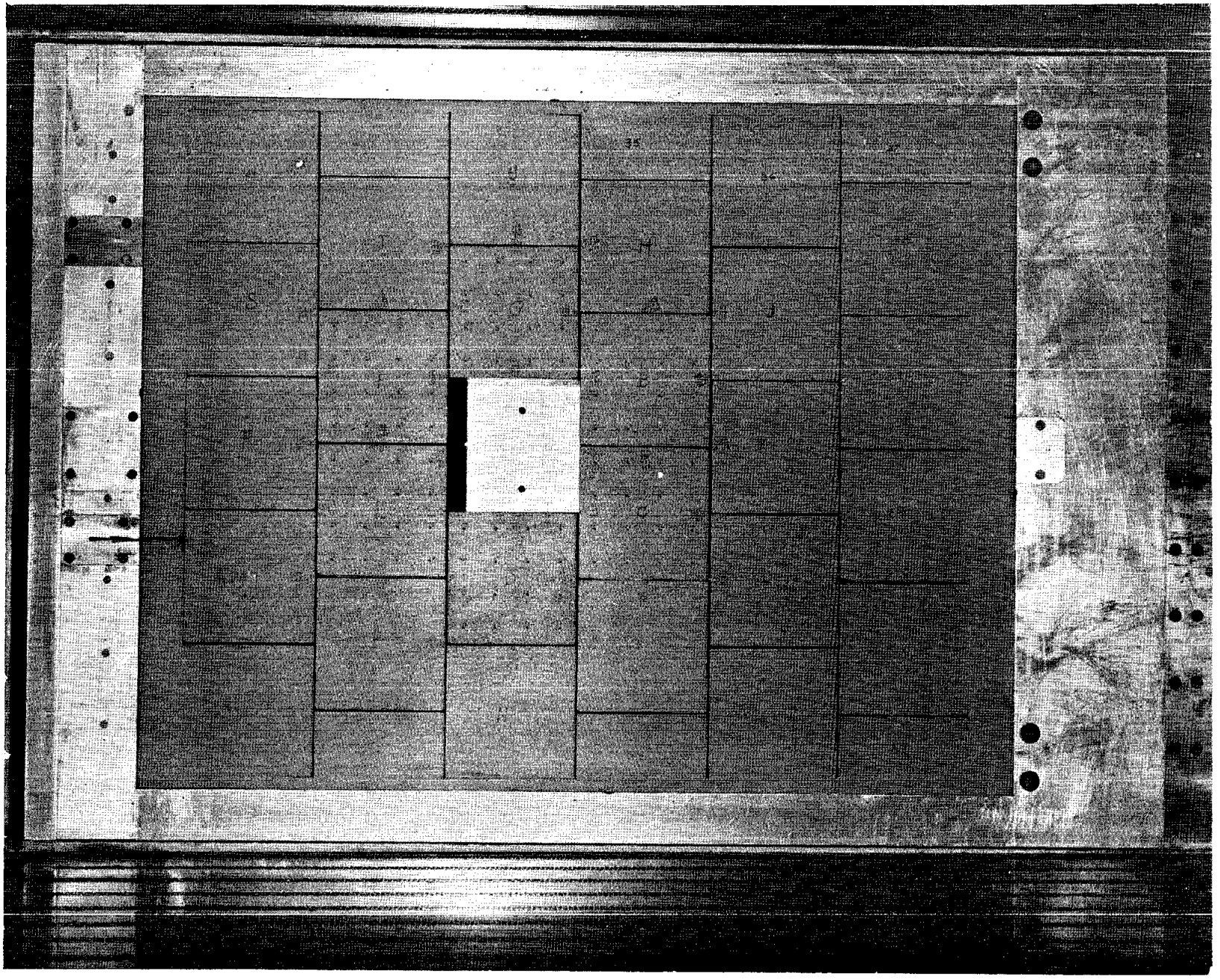




FIGURE 5. PRESSURE ORIFICE ARRANGEMENT



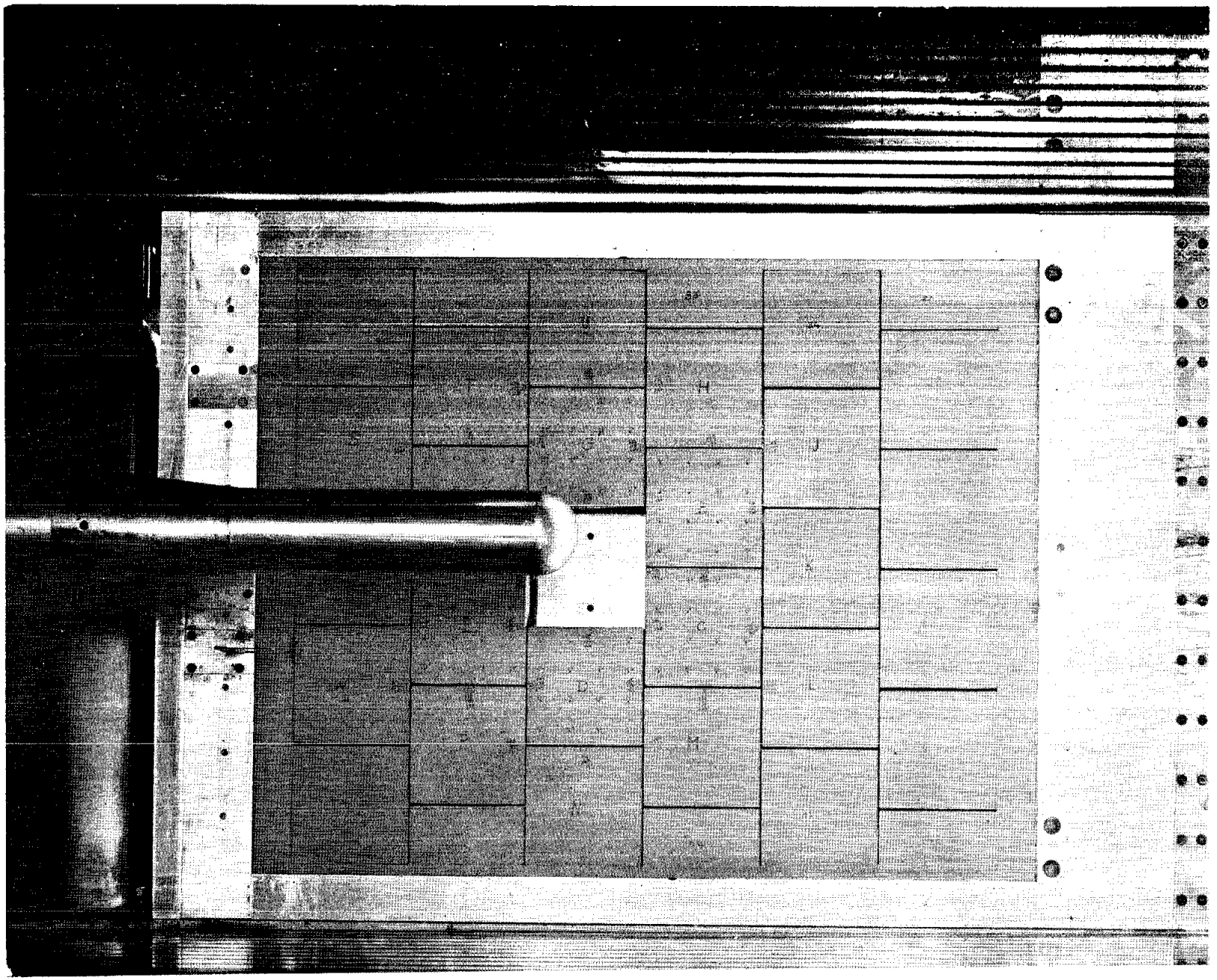
a. 90° TPS PANEL - CONFIG. P90+A

FIGURE 6. MODEL PHOTOGRAPHS



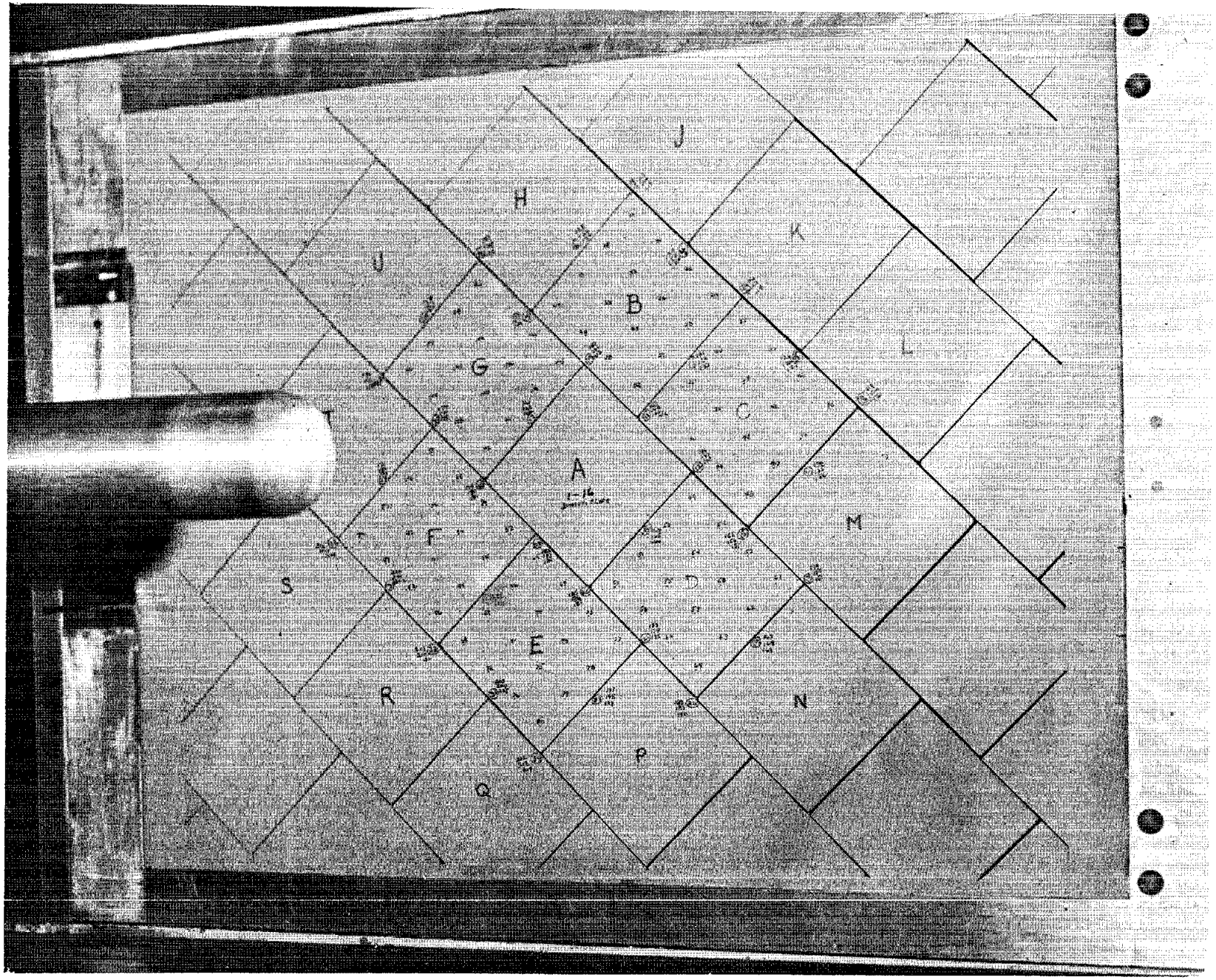
b. 90° TPS PANEL - CONFIG. P90

FIGURE 6. (Continued)



c. 90° TPS PANEL - CONFIG. P90+S

FIGURE 6. (Continued)




d. 45° TPS PANEL - CONFIG. P45+A+S

FIGURE 6. (Concluded)

## DATA FIGURES

A complete set of static pressure plotted displays for all tested conditions were generated for initial data analysis as shown in the Index of Data Figures. Due to the volume involved, only representative samples are included in this report (volume 1). The samples are for panel P90, at Mach = 0.9, RN/FT = 4.5, and for all configurations tested. In addition to the sample static pressure plots, all boundary layer plotted data are presented herein.

A complete set of plotted data figures is maintained by Data Management Services. Tabular static pressure data are presented in Volume 2; recorded tunnel condition and boundary layer data are contained in Volume 1. Tabulations of the computed boundary layer parameters may be obtained from Data Management Services on request.

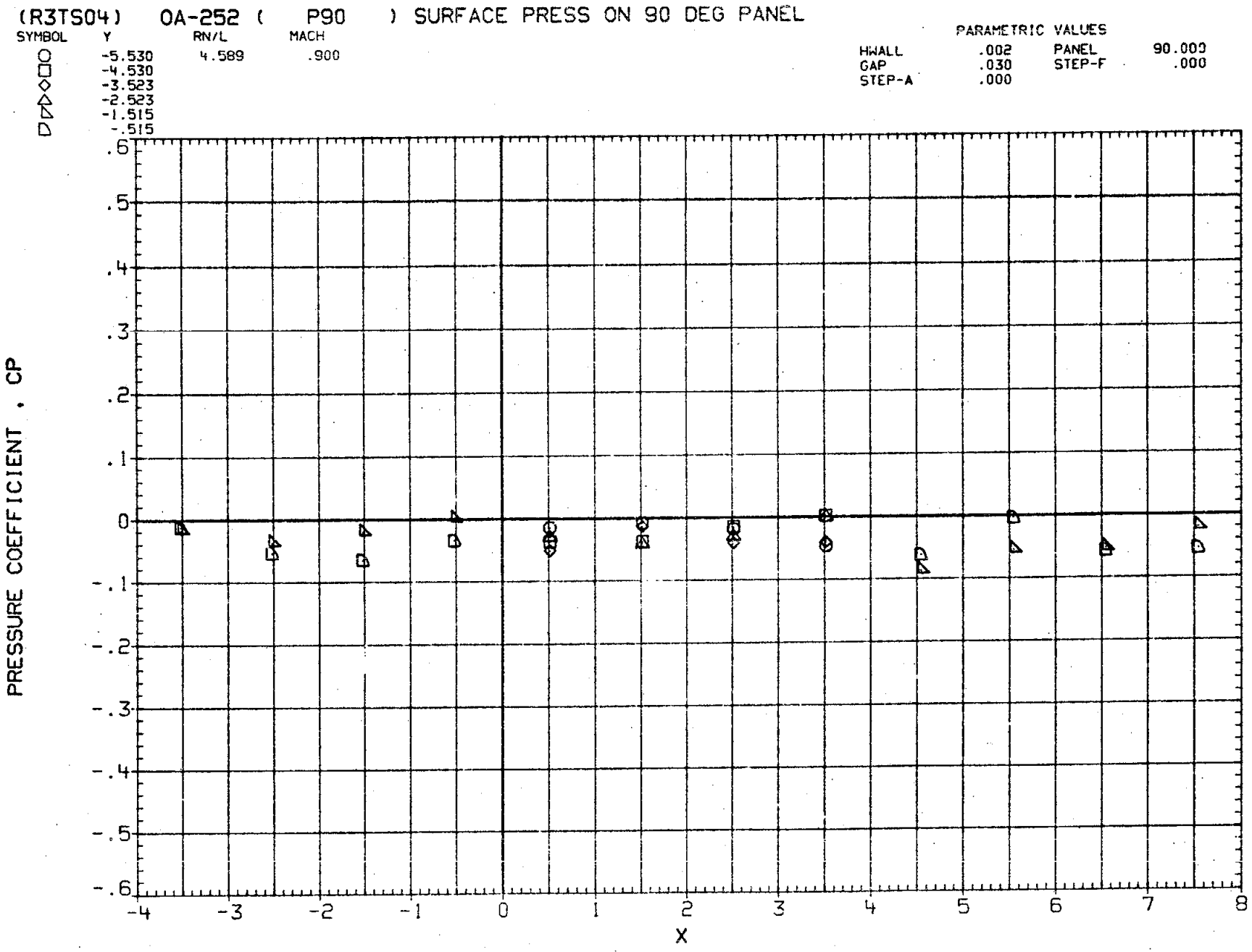



FIG. 4 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY WALL IN, RN/FT = 4.5

DATE 13 JUN 80

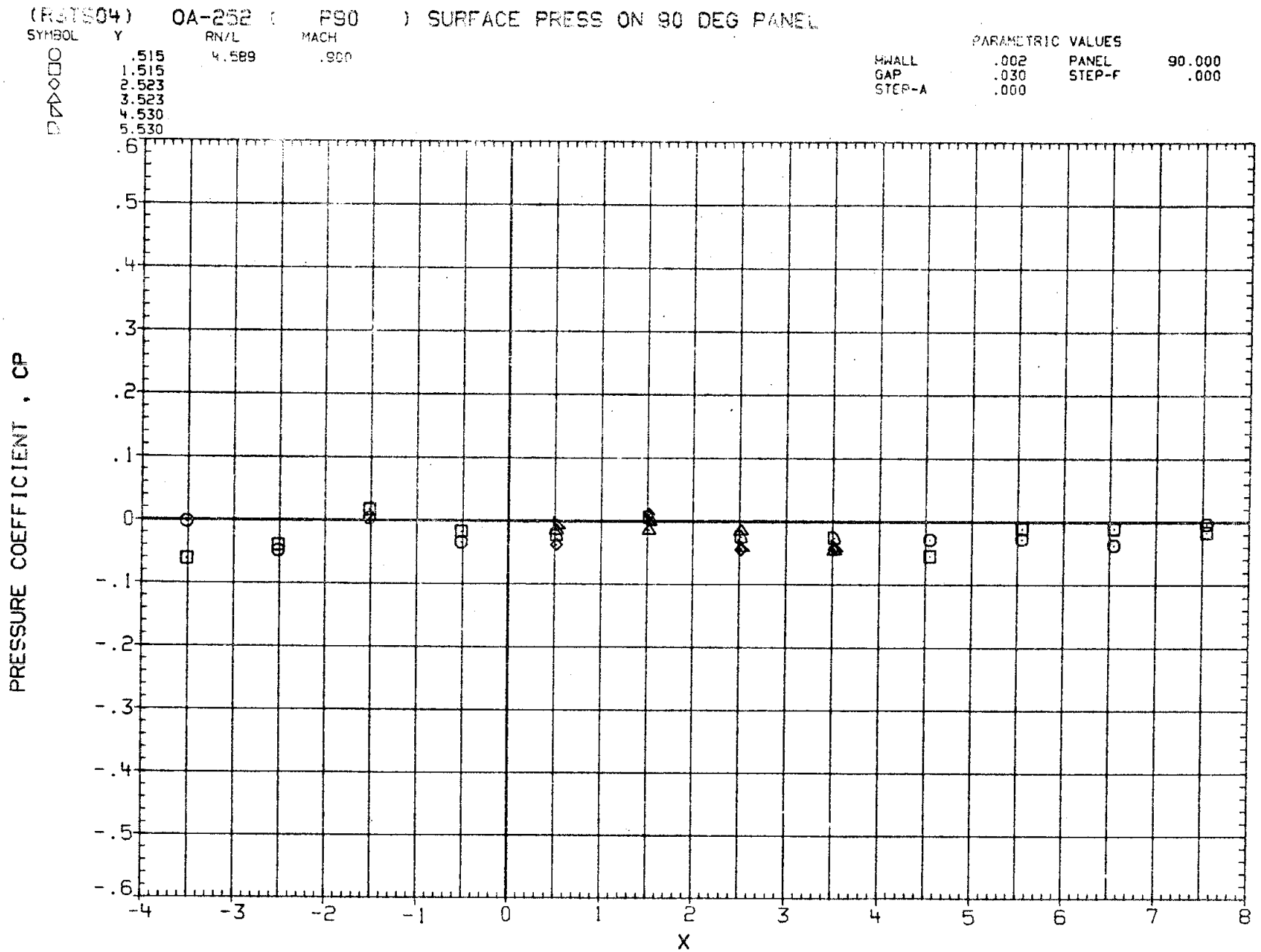



FIG. 4 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY WALL IN, RN/FT = 4.5

DATE 13 JUN 80

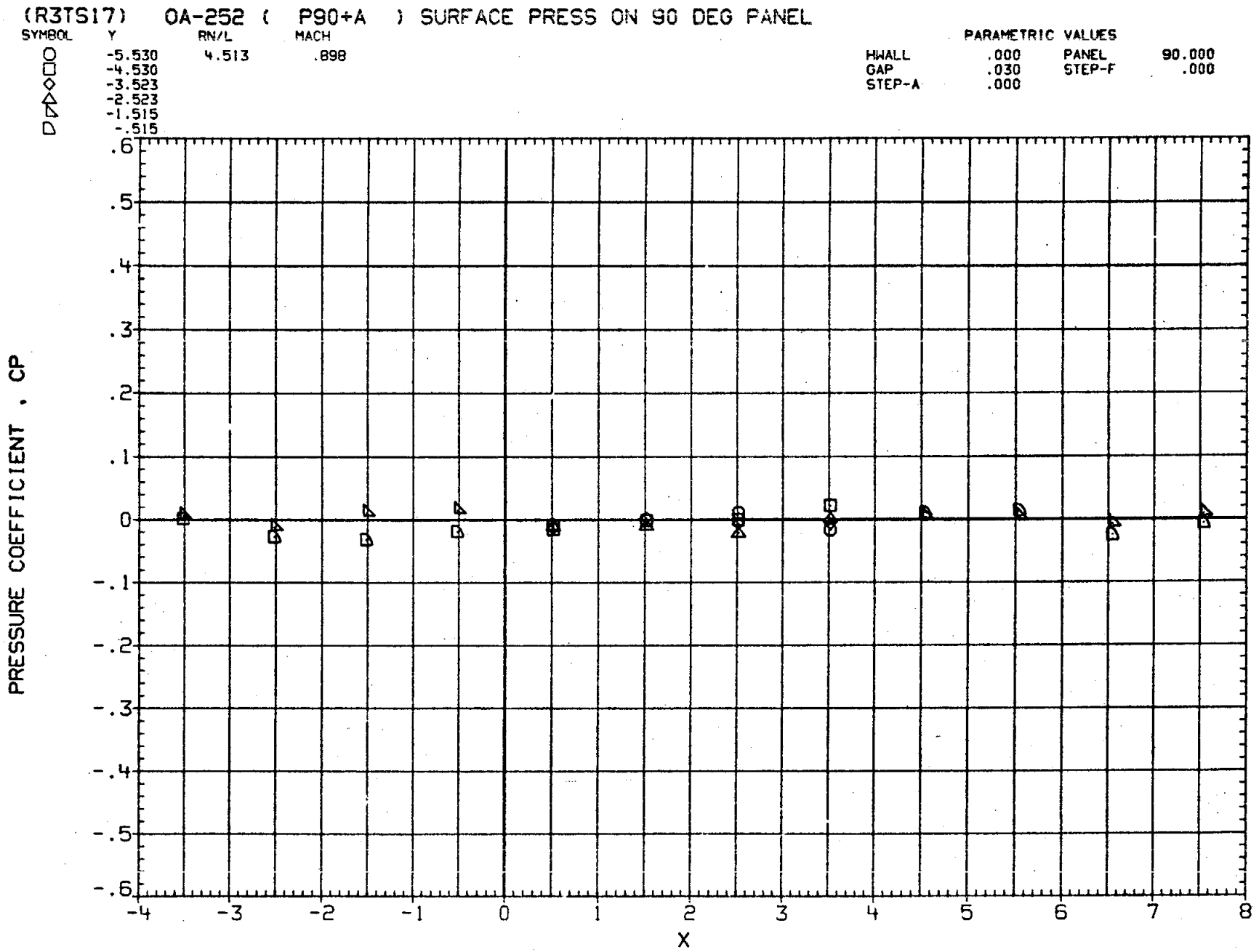



FIG. 5 SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

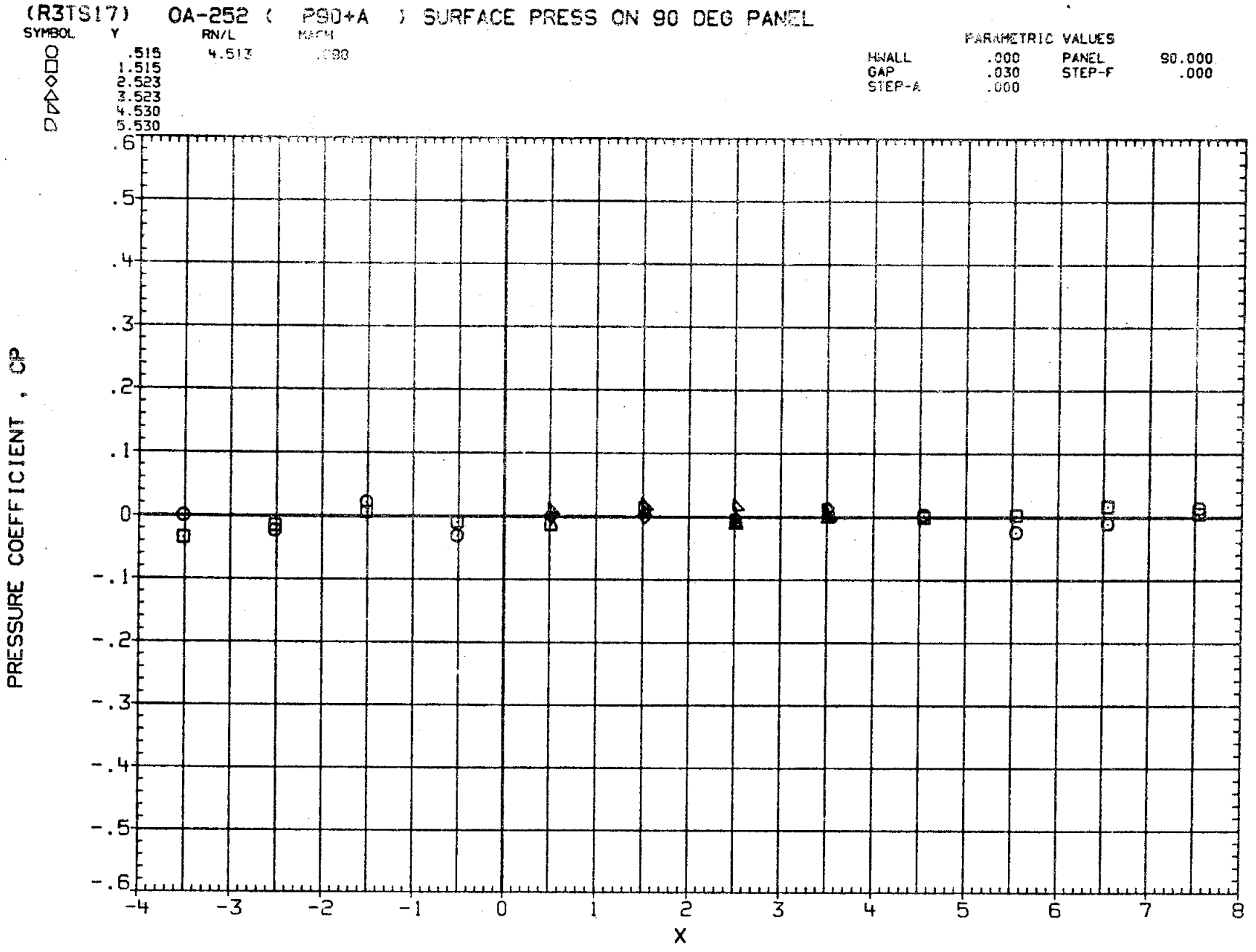



FIG. 5 SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

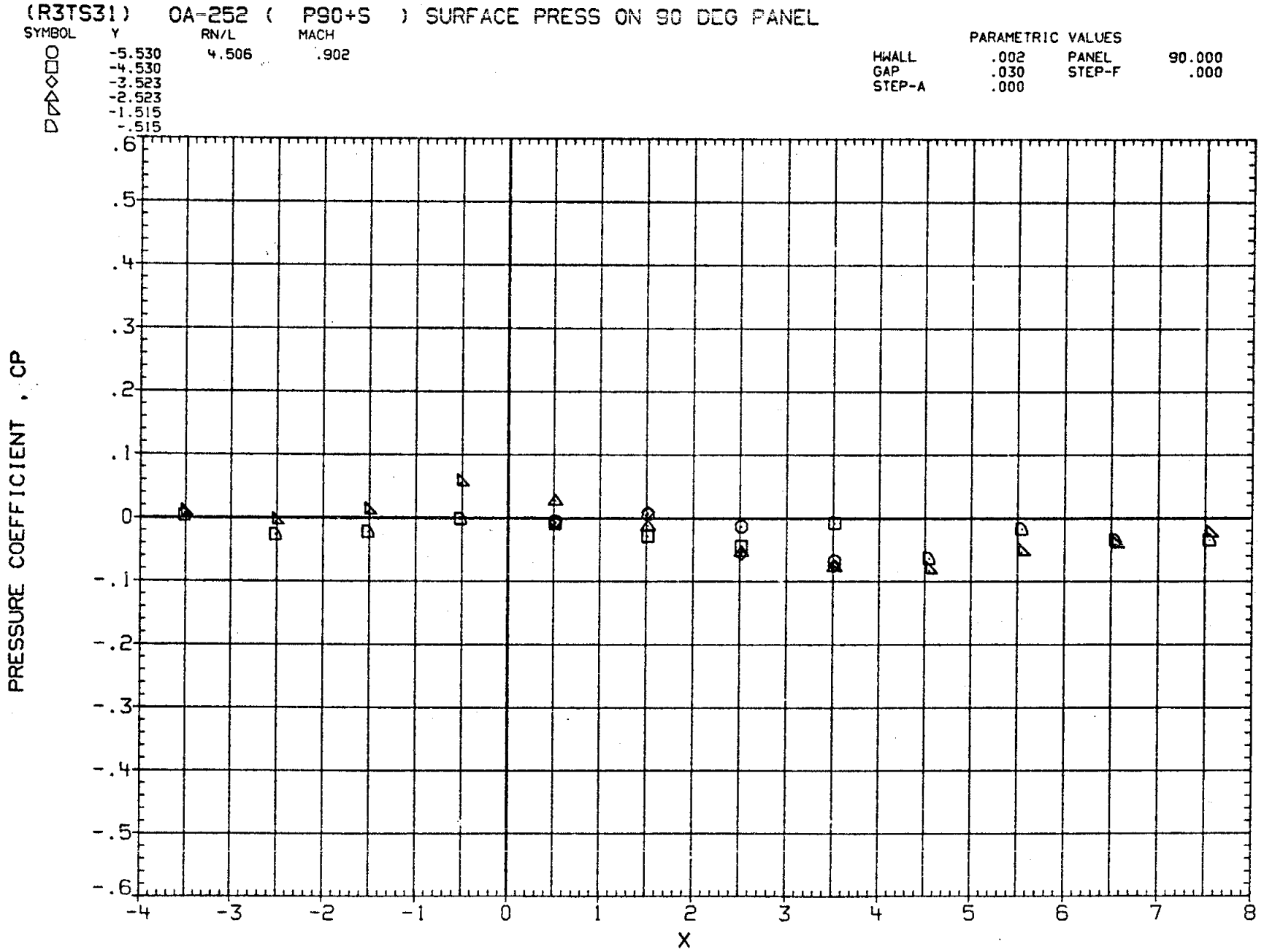



FIG. 6 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

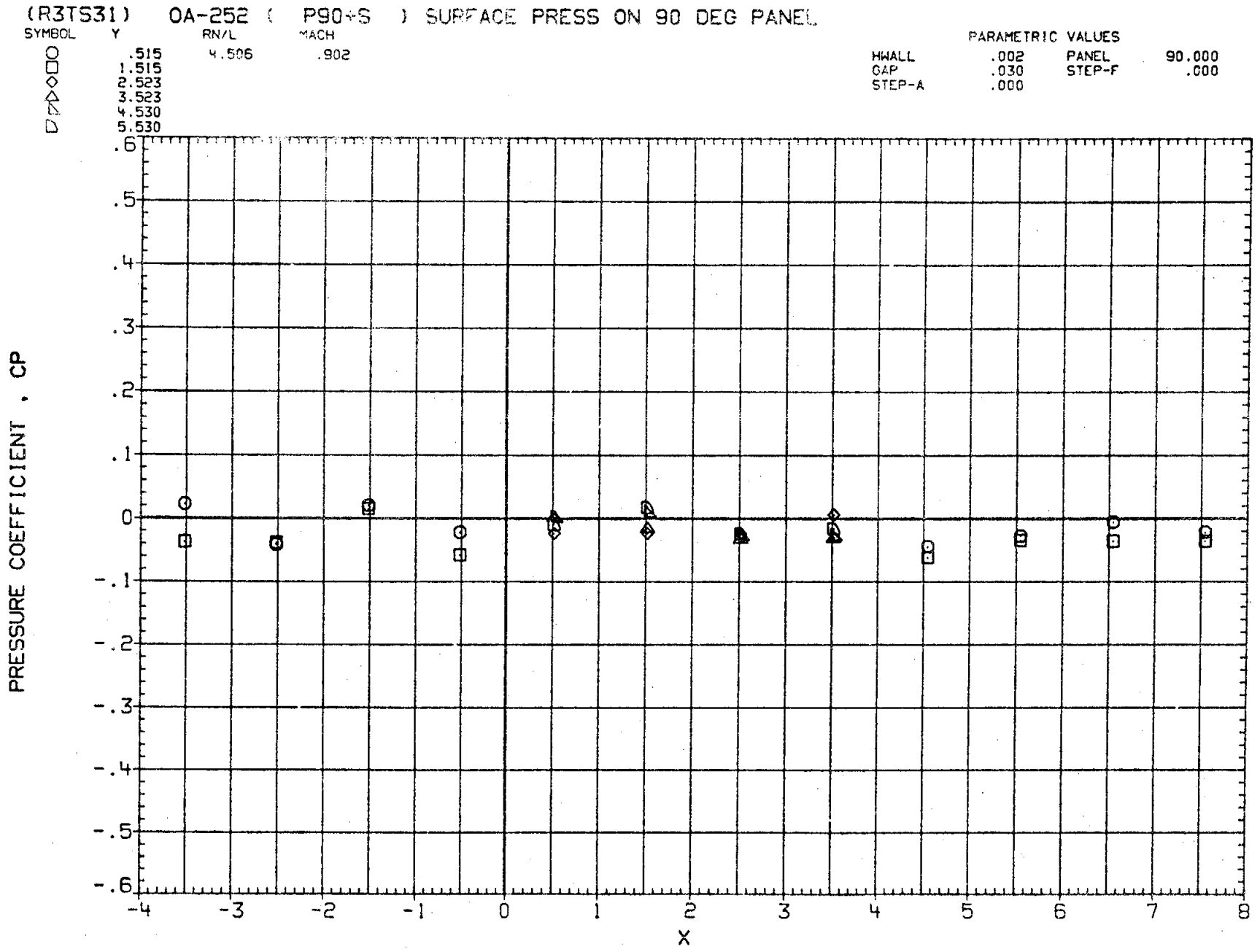



FIG. 6 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

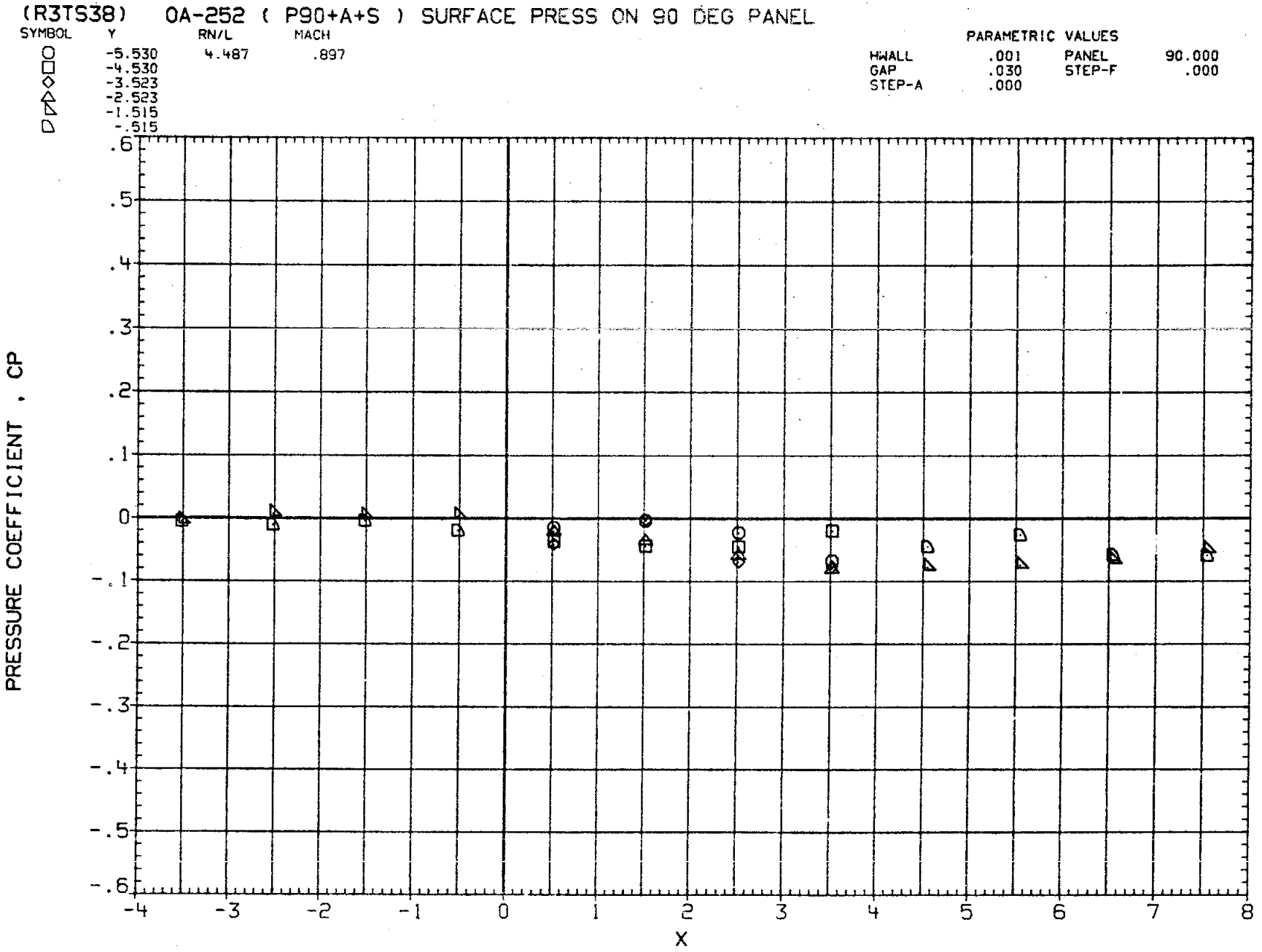



FIG. 7 SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS38) OA-252 ( P90+A+S ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | .515 | 4.487 | .897 |
| □ | 1.515 | | |
| ◇ | 2.523 | | |
| △ | 3.523 | | |
| ◁ | 4.530 | | |
| D | 5.530 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

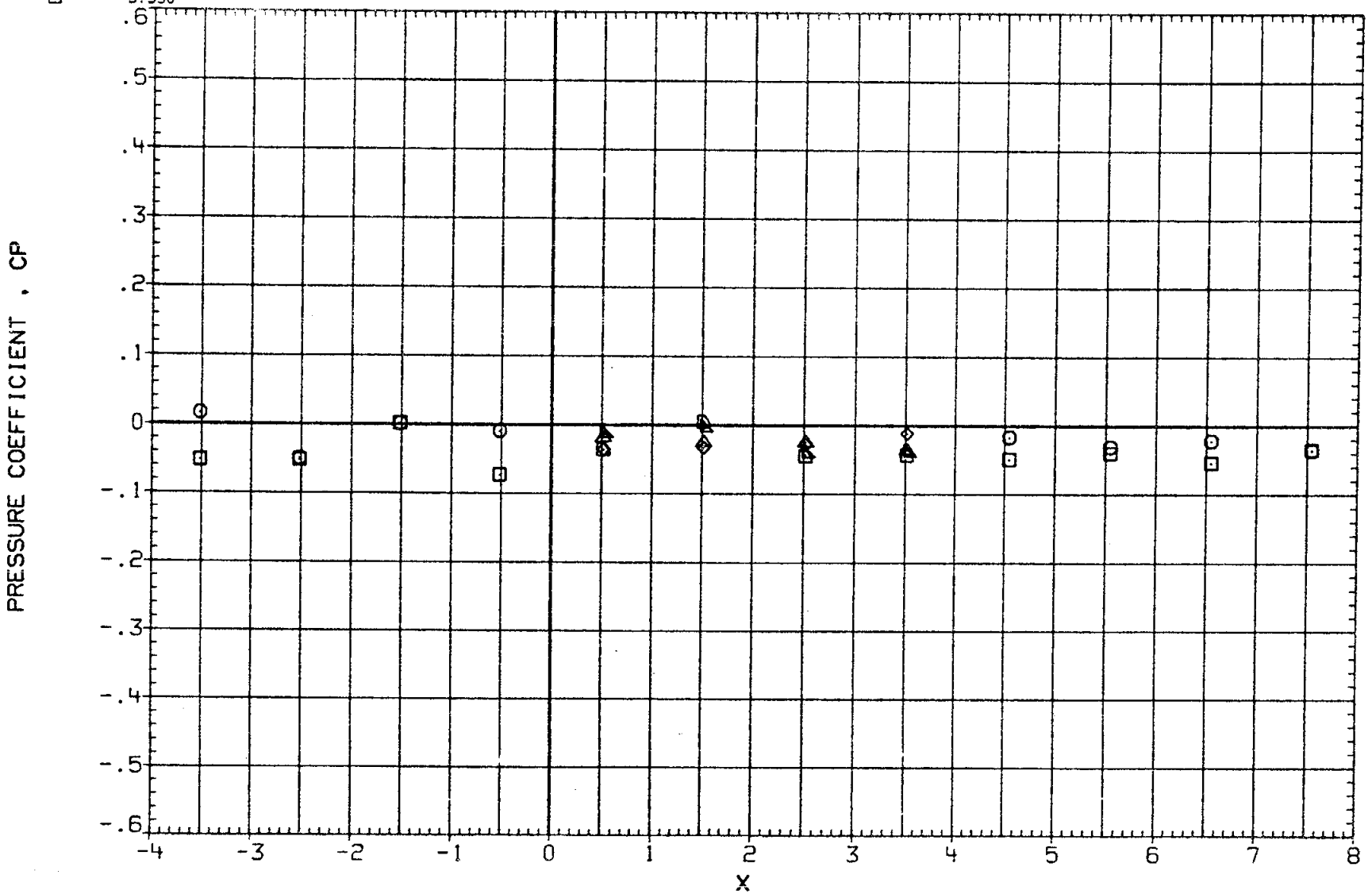



FIG. 7 SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

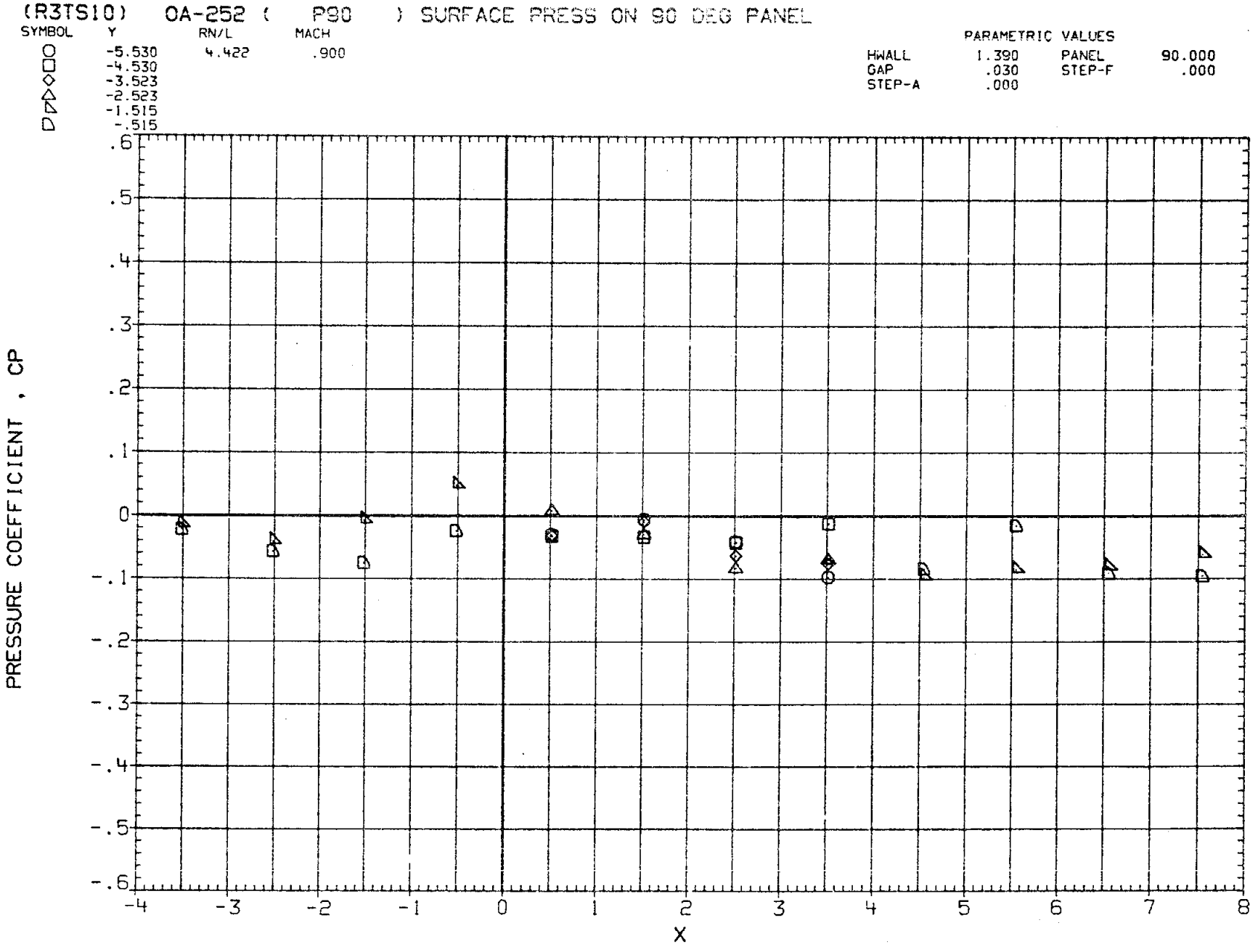



FIG. 8 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

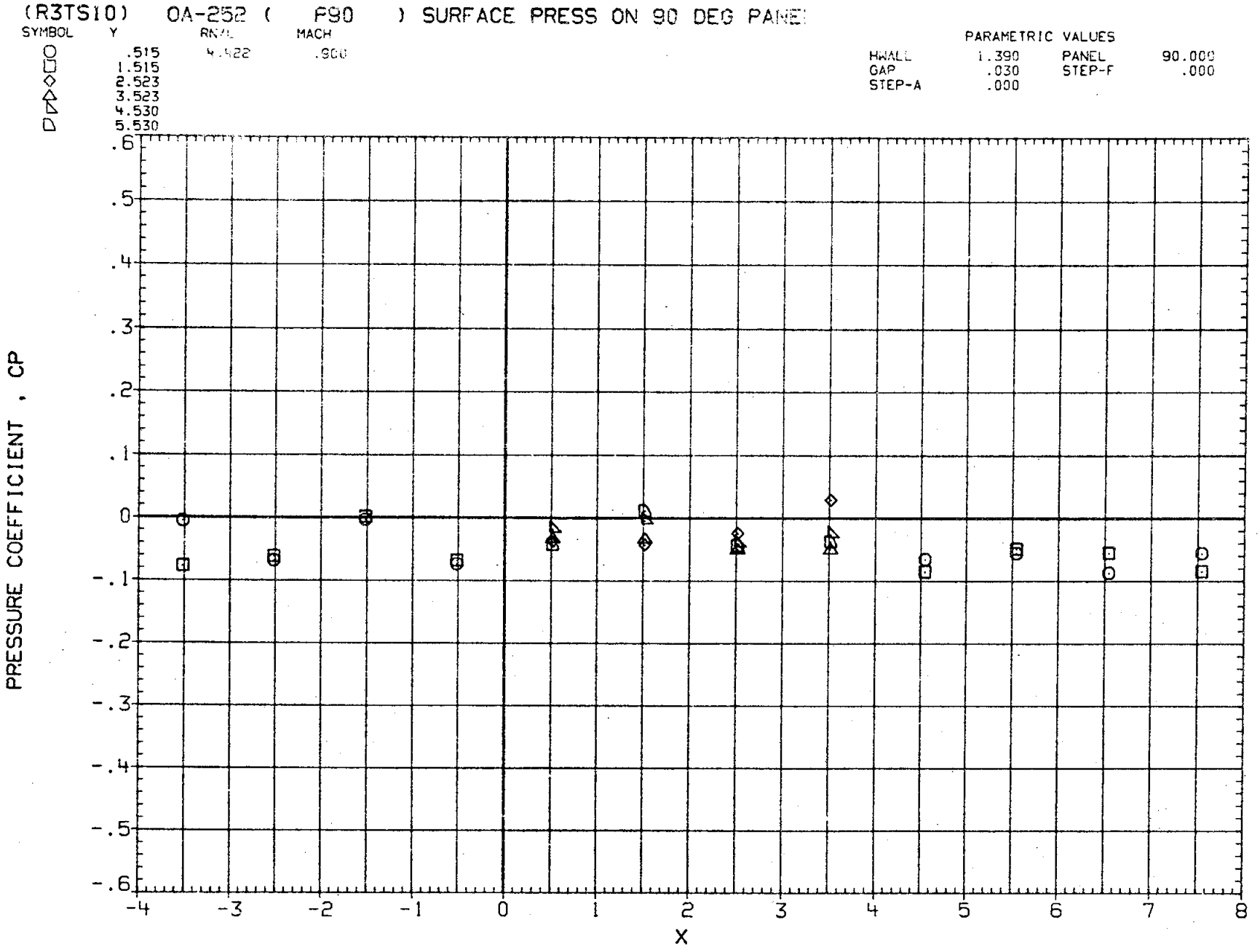



FIG. 8 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

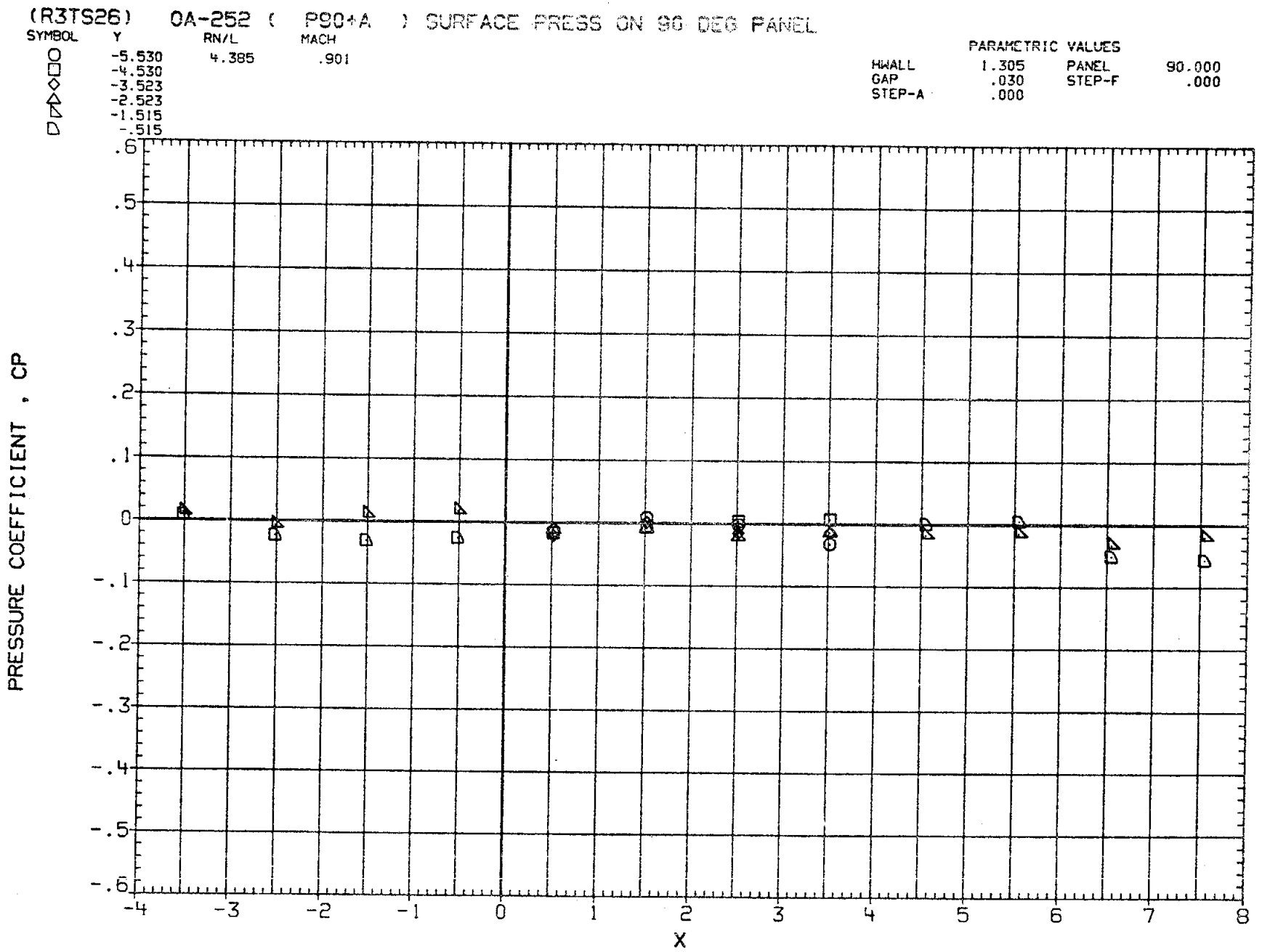



FIG. 9 SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

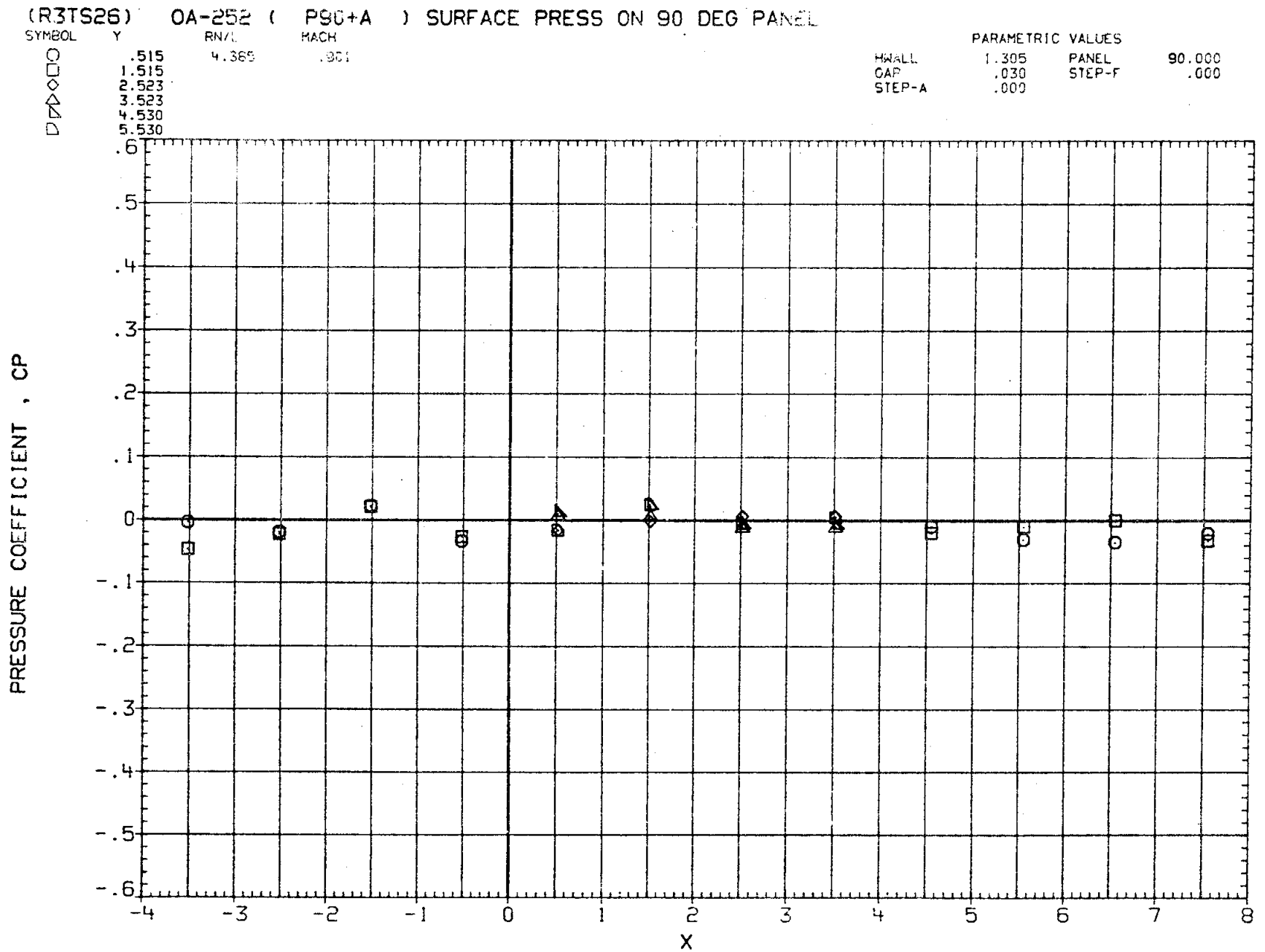



FIG. 9 SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

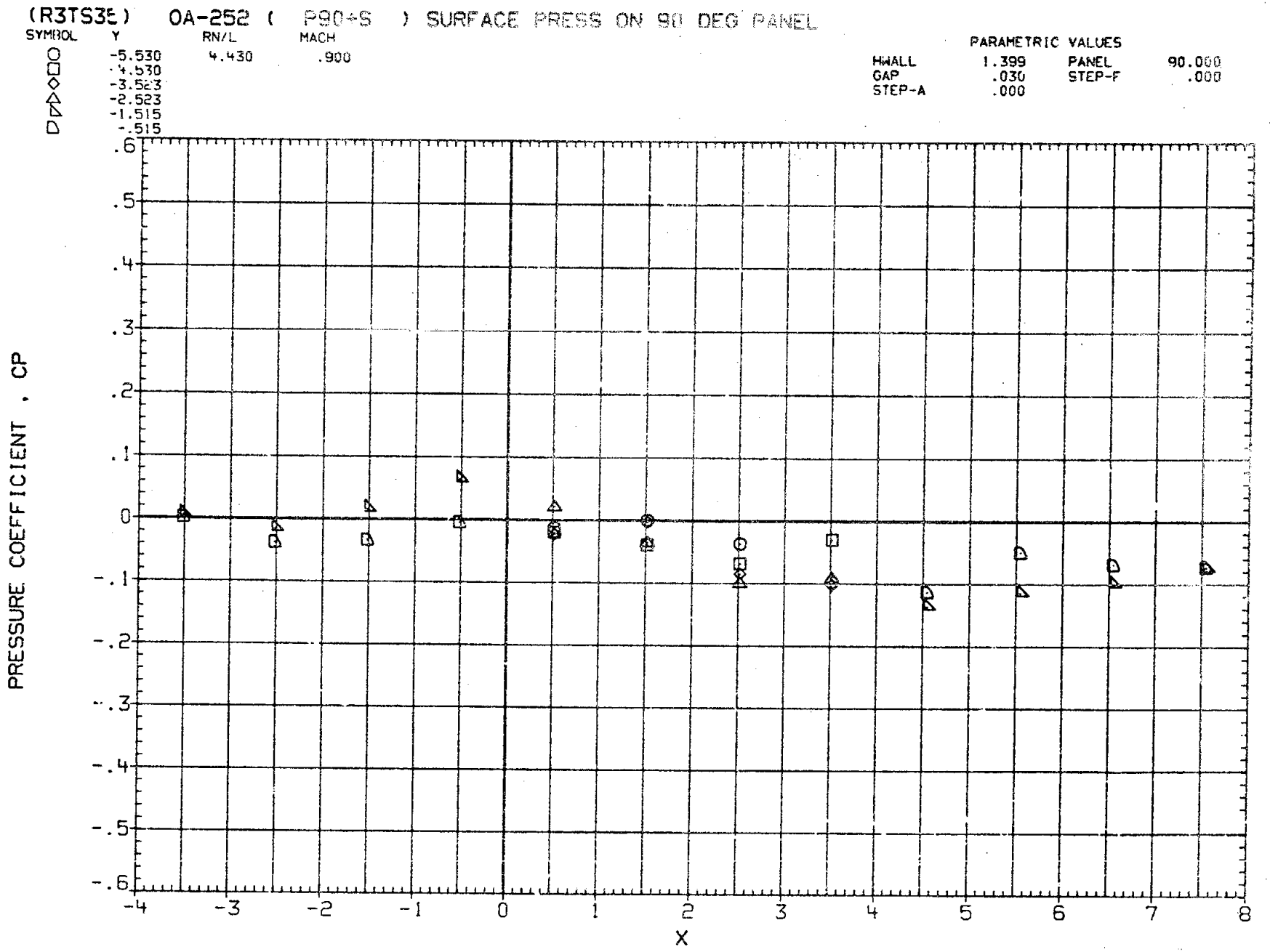



FIG. 10 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

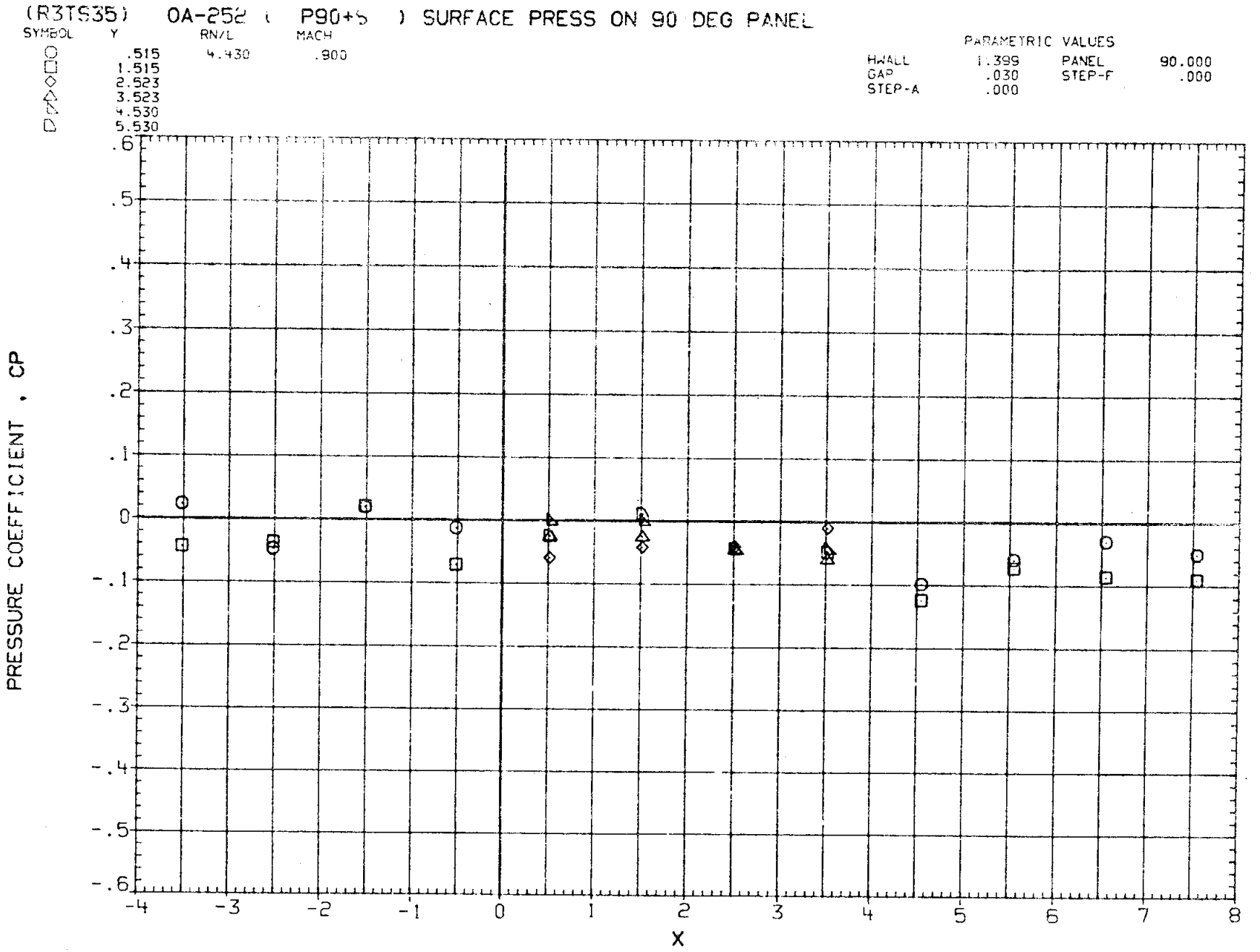



FIG. 10 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

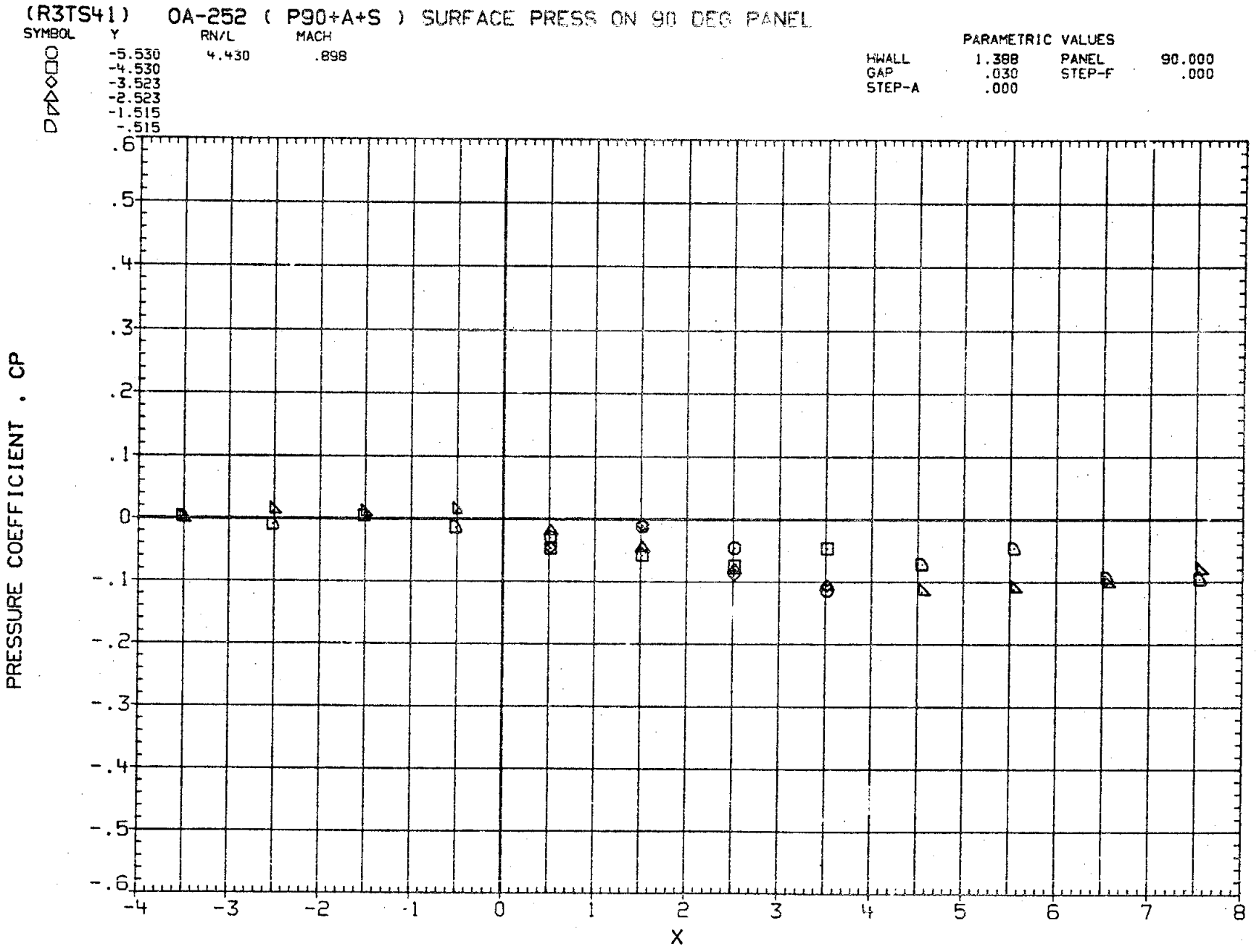



FIG. 11 SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

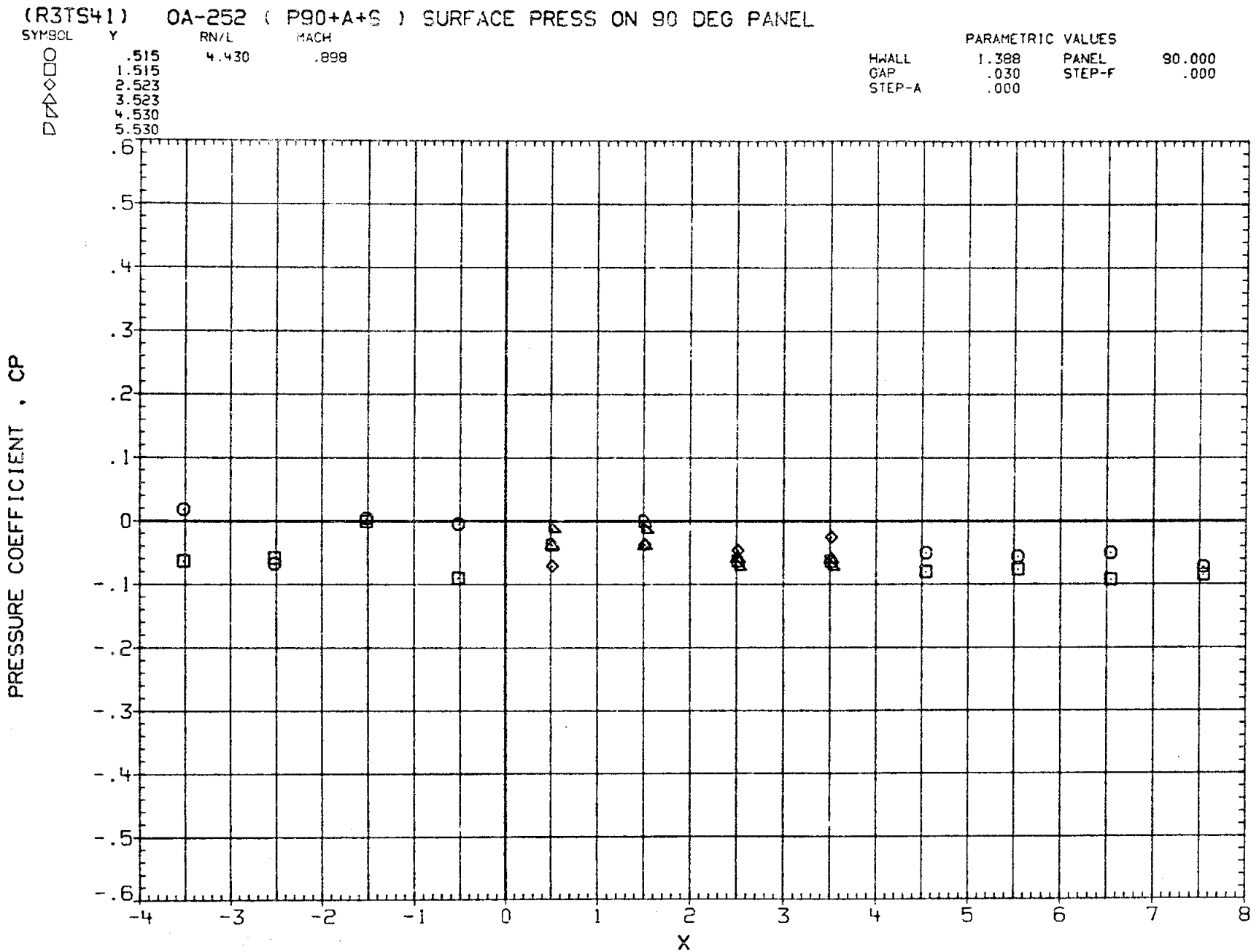



FIG. 11 SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TS43) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -5.530 | 4.581 | .898 |
| □ | -4.530 | | |
| ◇ | -3.523 | | |
| △ | -2.523 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

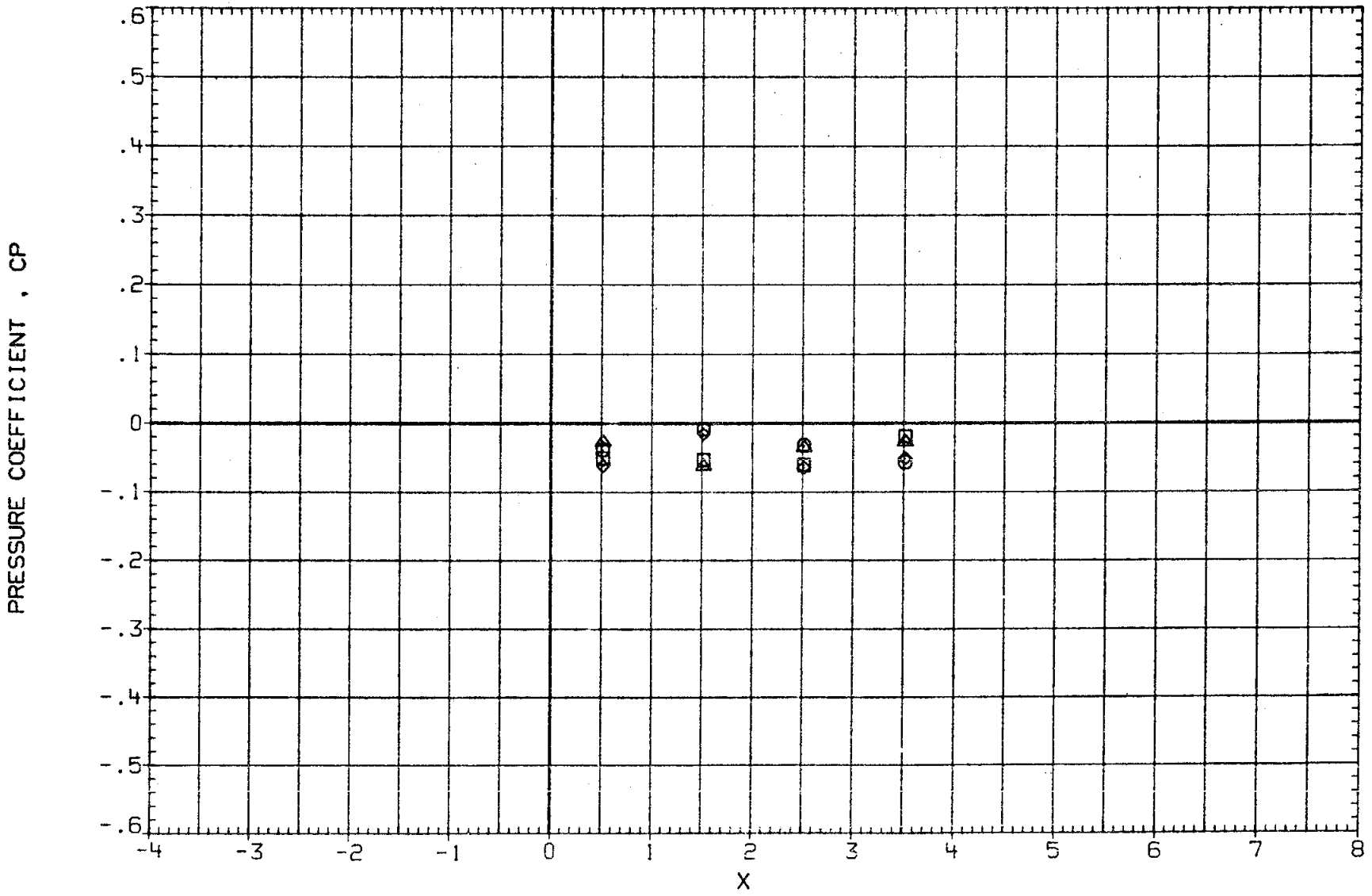



FIG. 20 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS43) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.515 | 4.581 | .898 |
| □ | -.515 | | |
| ◇ | .515 | | |
| △ | 1.515 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

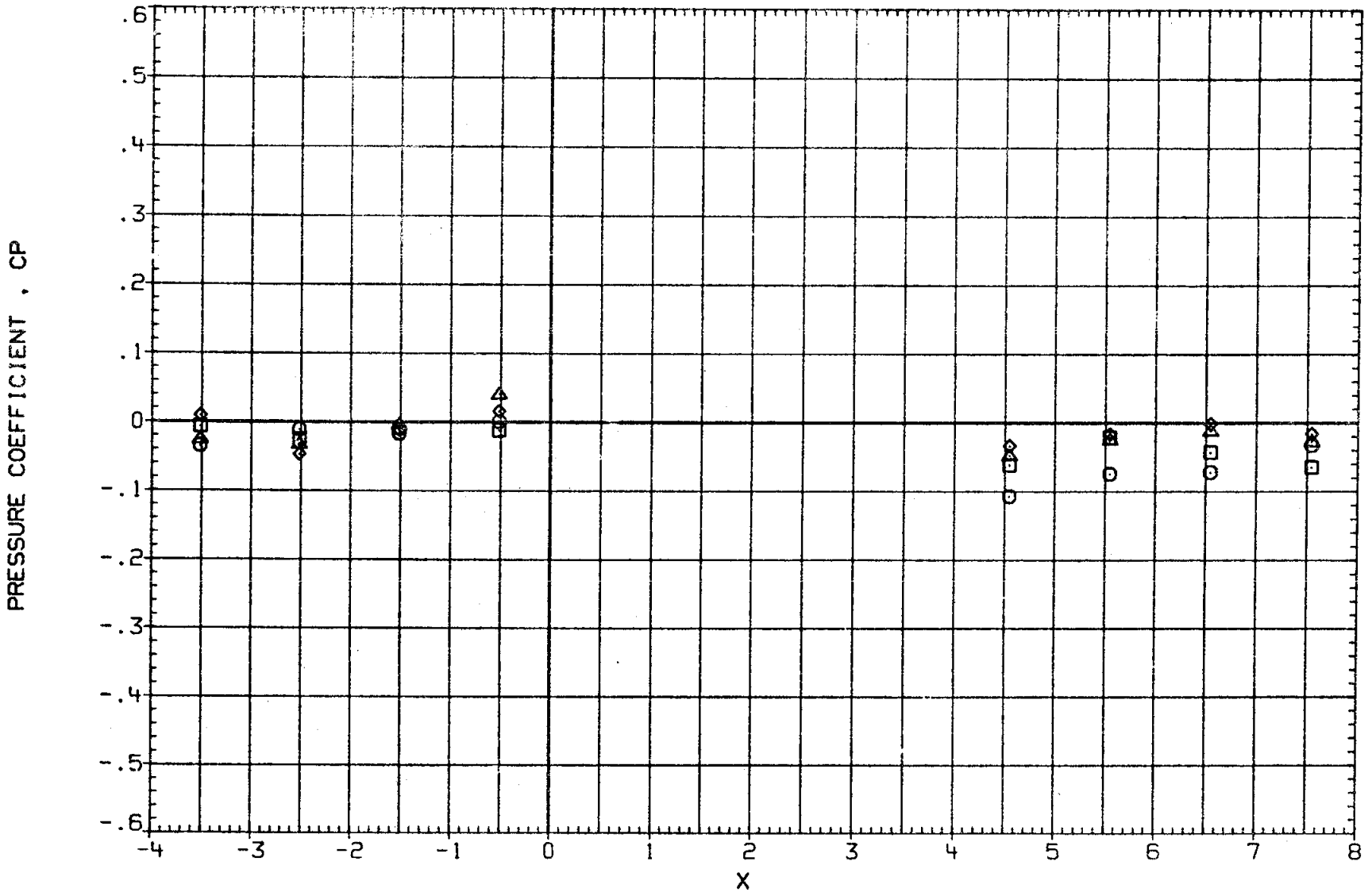



FIG. 20 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS43) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | 2.523 | 4.581 | .898 |
| □ | 3.523 | | |
| ◇ | 4.530 | | |
| △ | 5.530 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

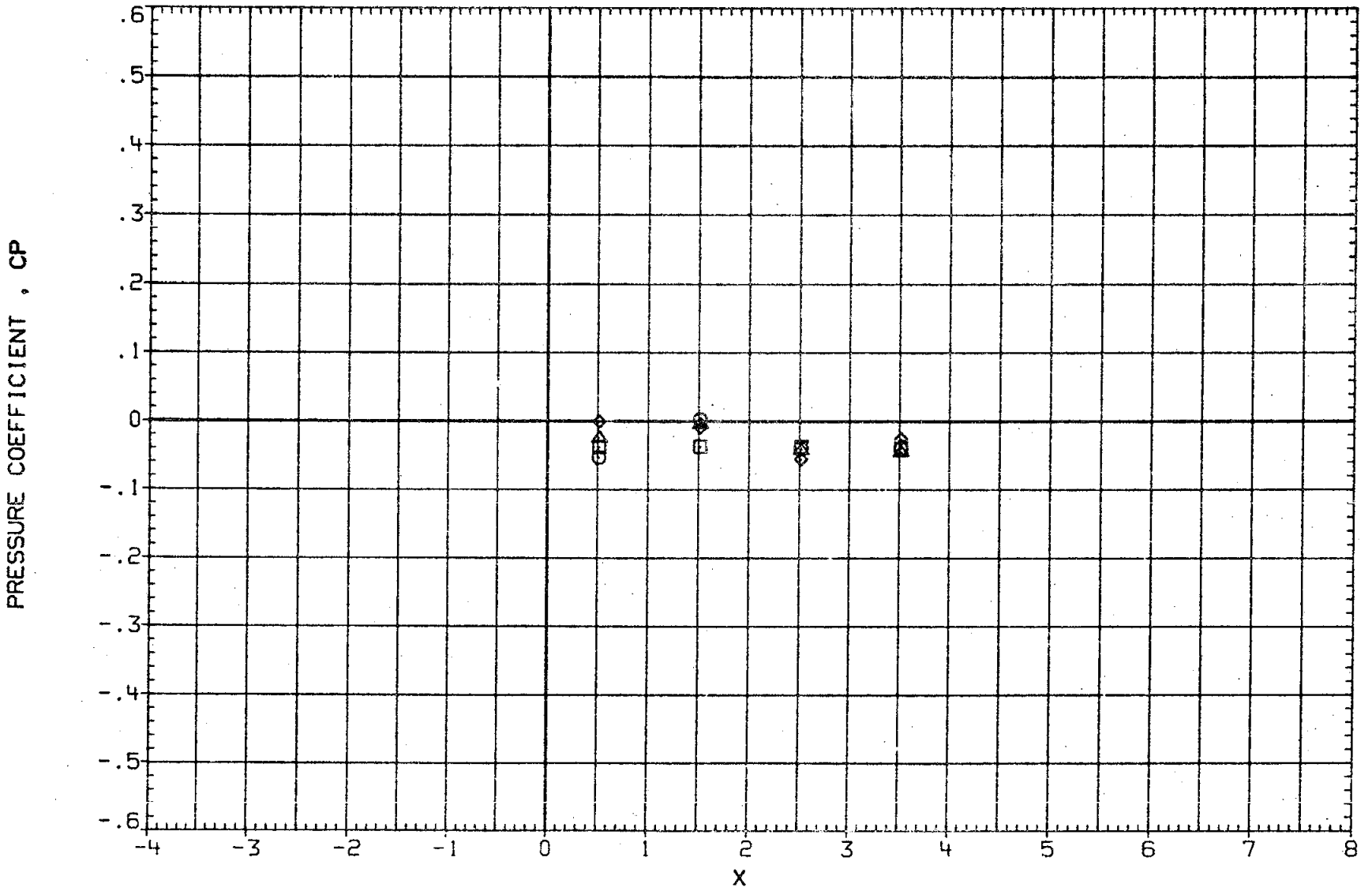



FIG. 20 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS44) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -5.530 | 4.528 | .900 |
| □ | -4.530 | | |
| ◇ | -3.523 | | |
| △ | -2.523 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

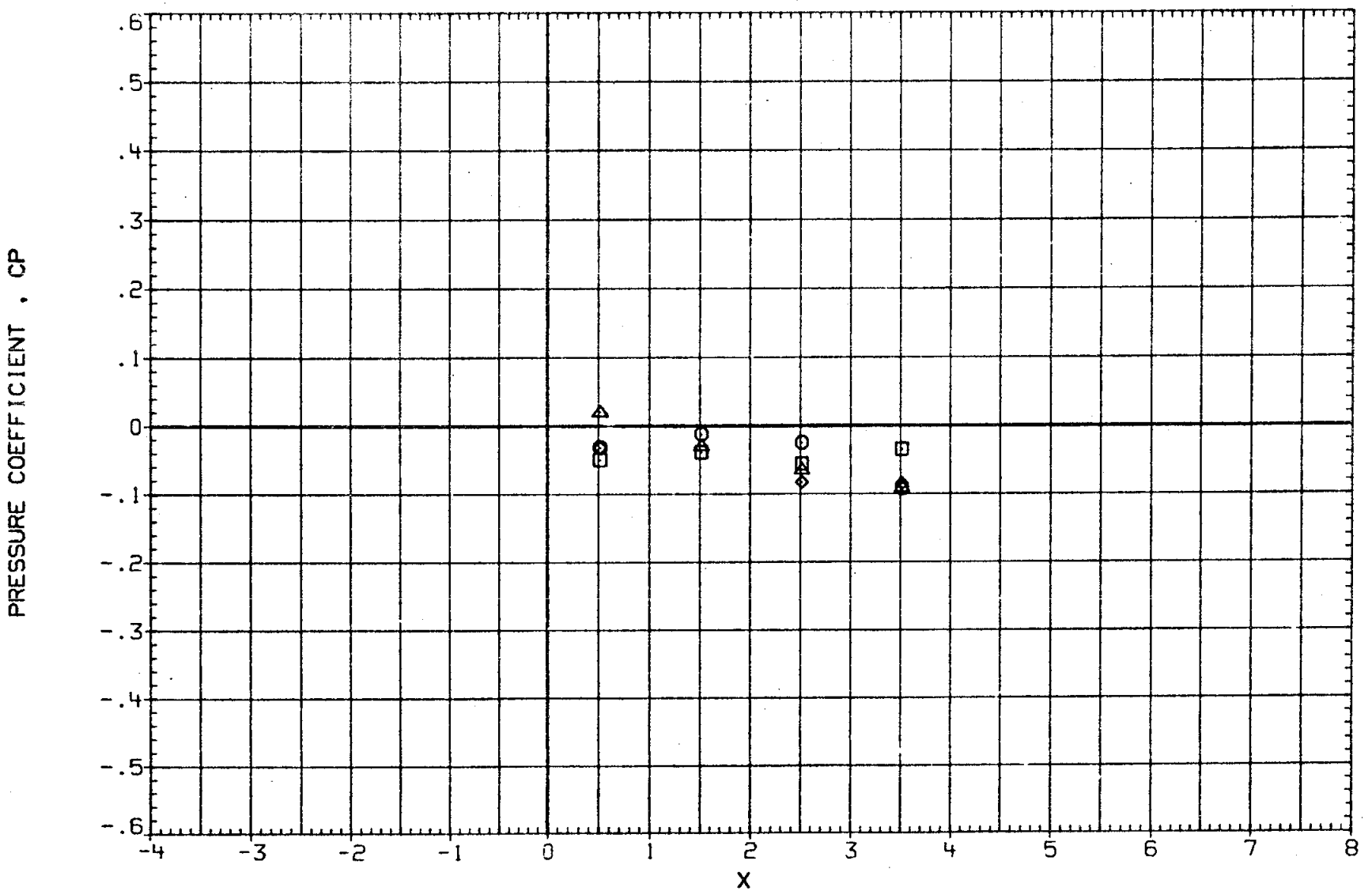



FIG. 21 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS44) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.515 | 4.528 | .900 |
| □ | -.515 | | |
| ◇ | .515 | | |
| △ | 1.515 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

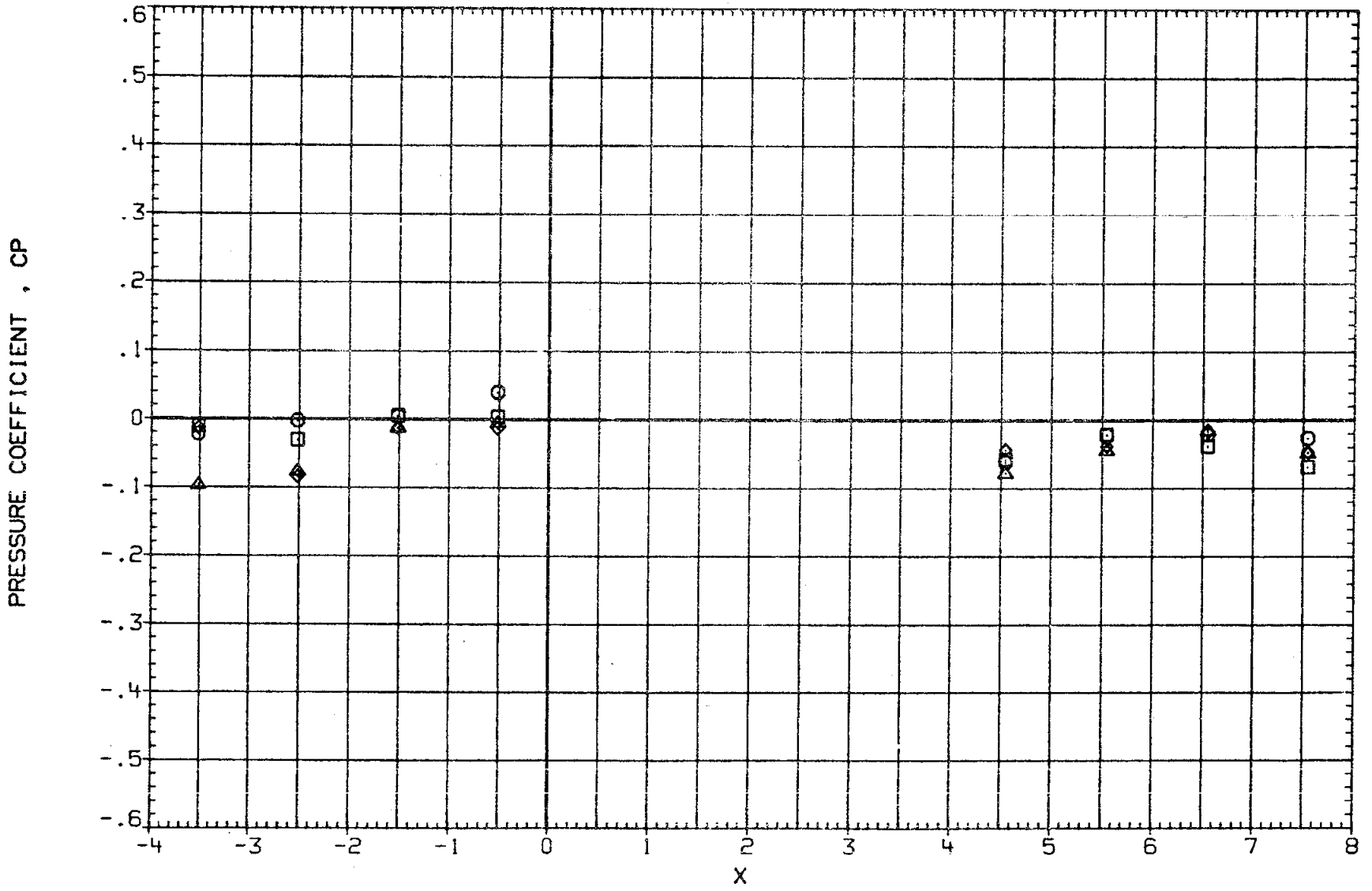



FIG. 21 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS44) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | 2.523 | 4.528 | .900 |
| □ | 3.523 | | |
| ◇ | 4.530 | | |
| △ | 5.530 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

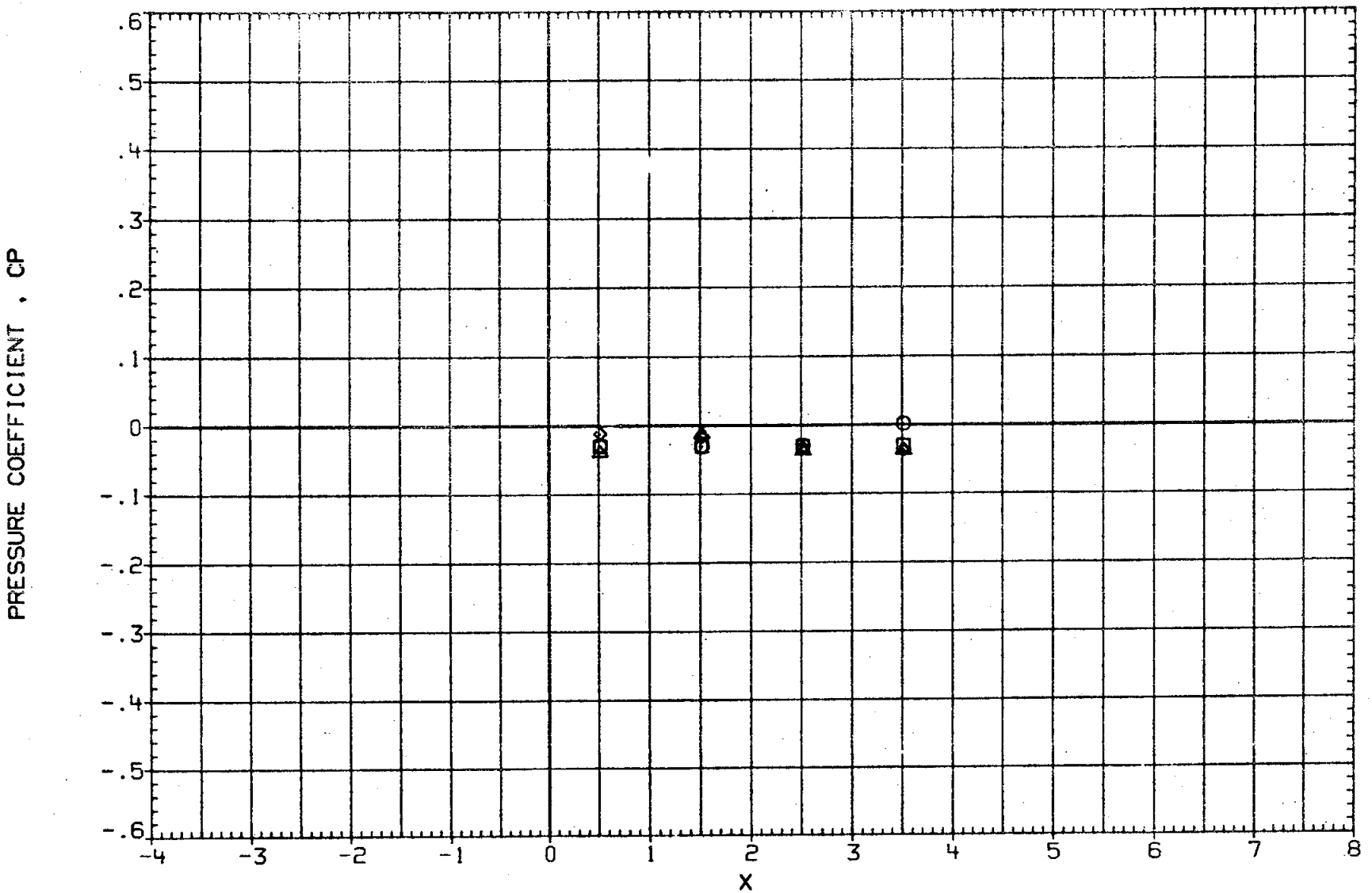



FIG. 21 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS46) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -5.530 | 4.493 | .898 |
| □ | -4.530 | | |
| ◇ | -3.523 | | |
| △ | -2.523 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

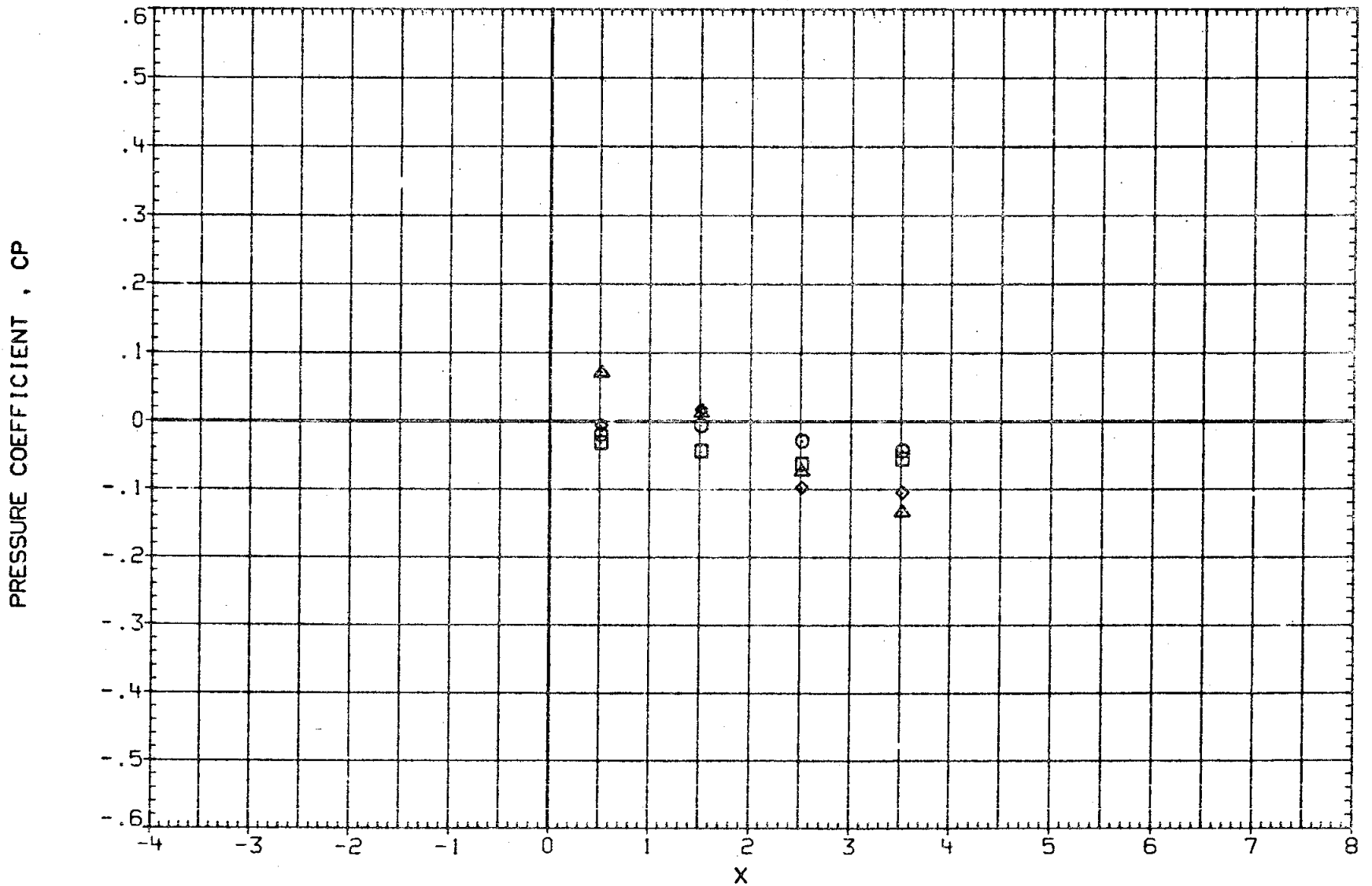



FIG. 22 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS46) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.515 | 4.493 | .898 |
| □ | -.515 | | |
| ◇ | .515 | | |
| △ | 1.515 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

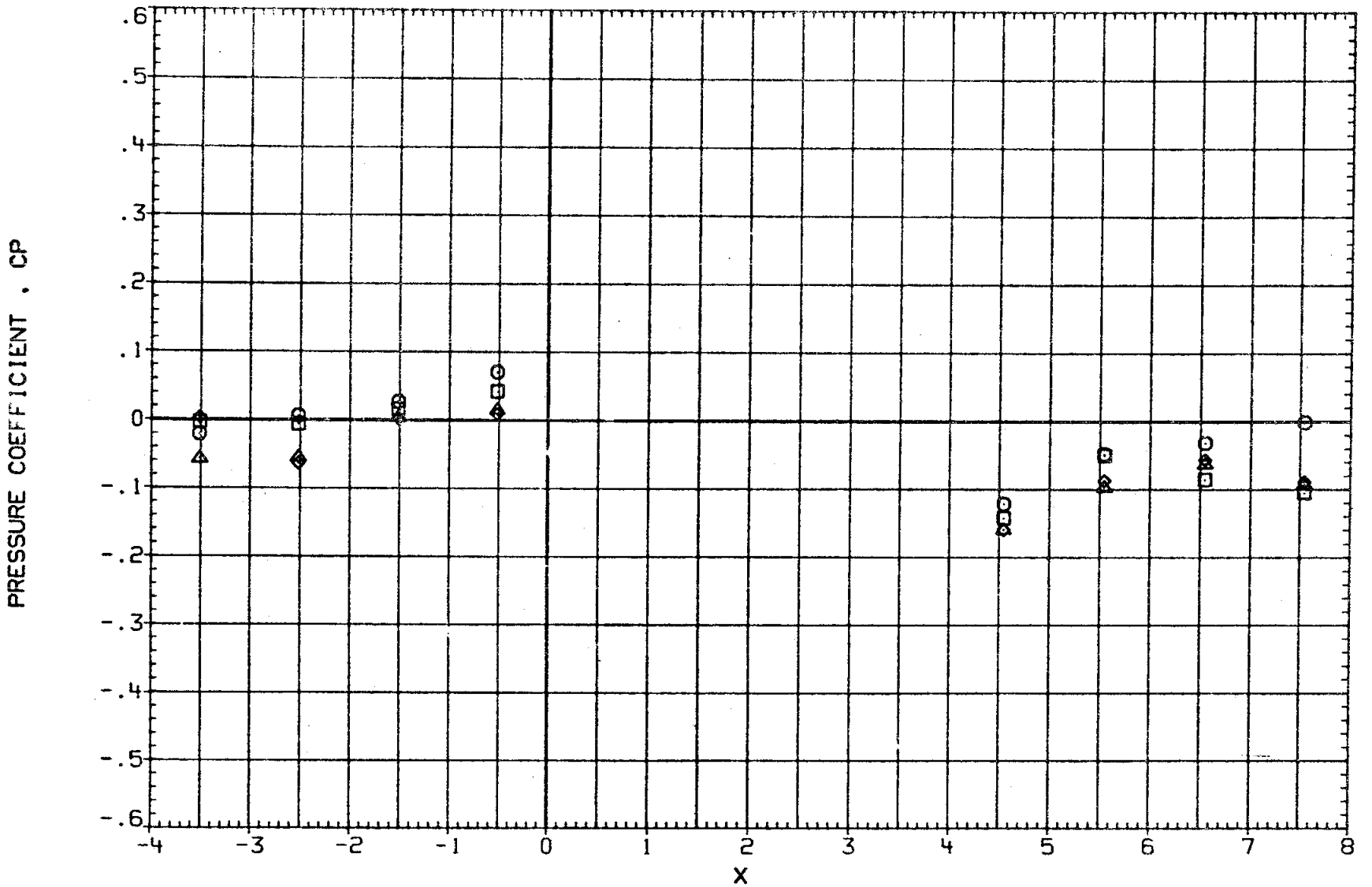



FIG. 22 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS46) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | 2.523 | 4.493 | .898 |
| □ | 3.523 | | |
| ◇ | 4.530 | | |
| △ | 5.530 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

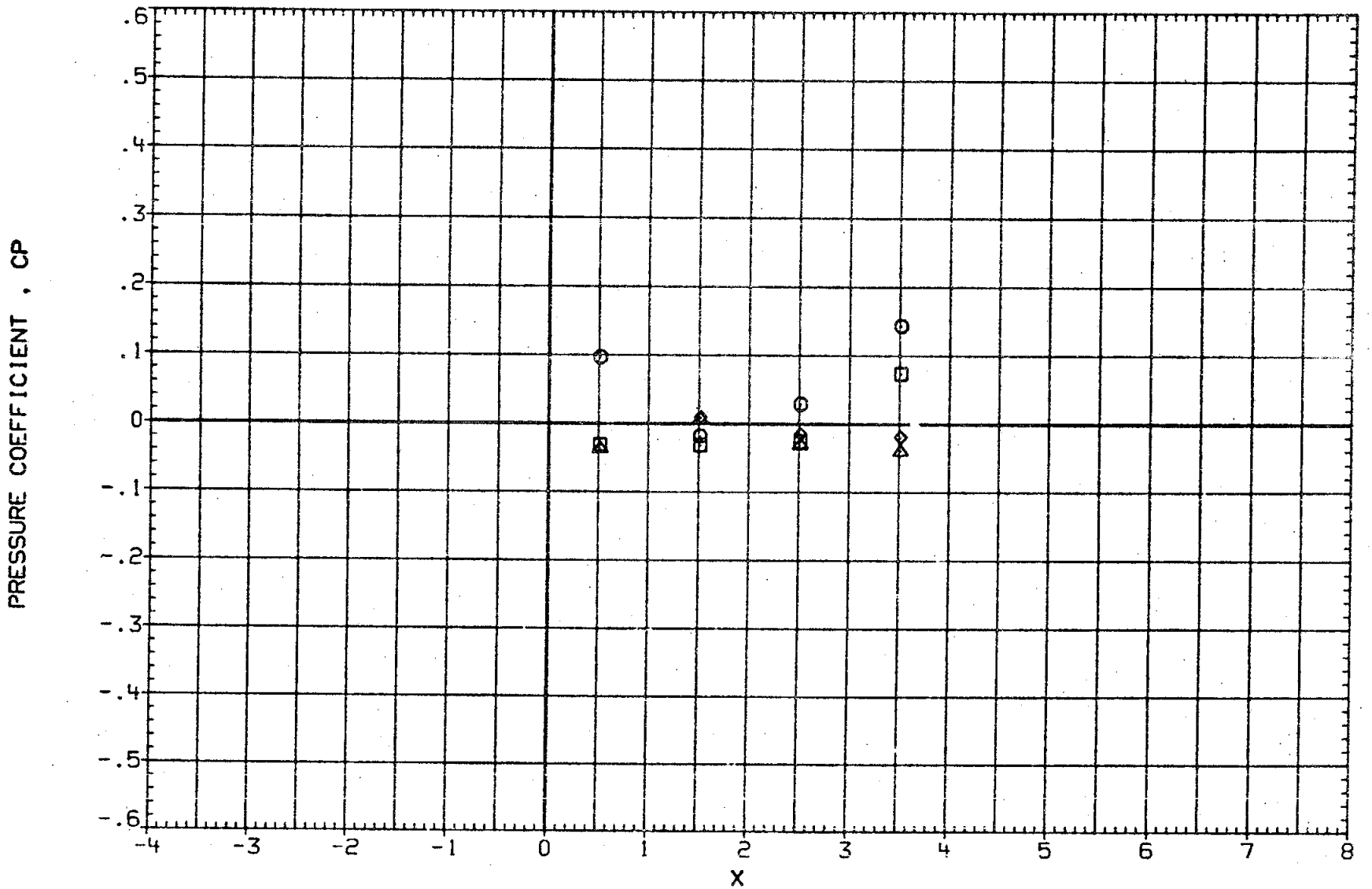



FIG. 22 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS47) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -5.530 | 4.393 | .895 |
| □ | -4.530 | | |
| ◇ | -3.523 | | |
| △ | -2.523 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

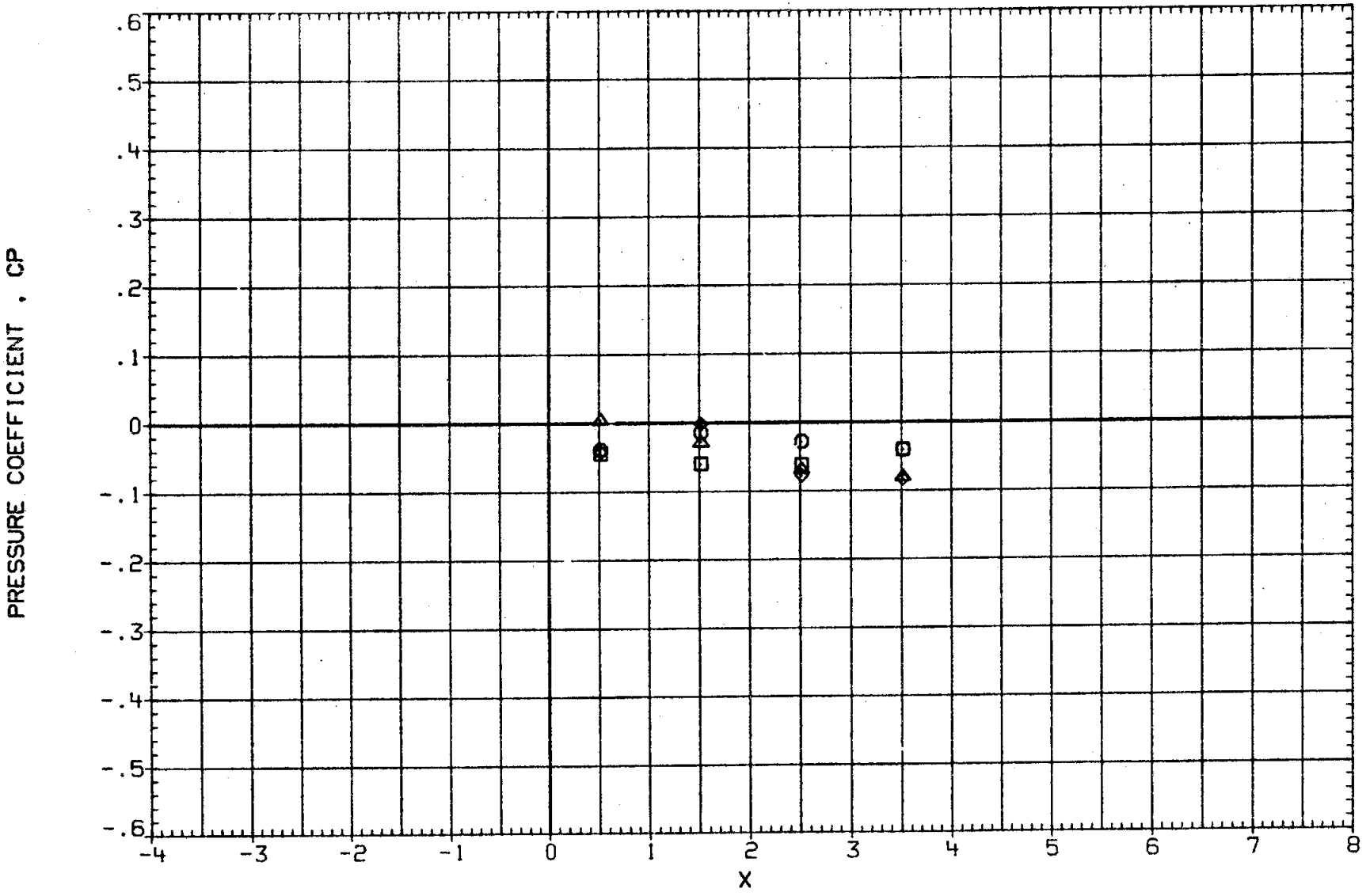



FIG. 23 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TS47) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.515 | 4.383 | .895 |
| □ | -.515 | | |
| ◇ | .515 | | |
| △ | 1.515 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

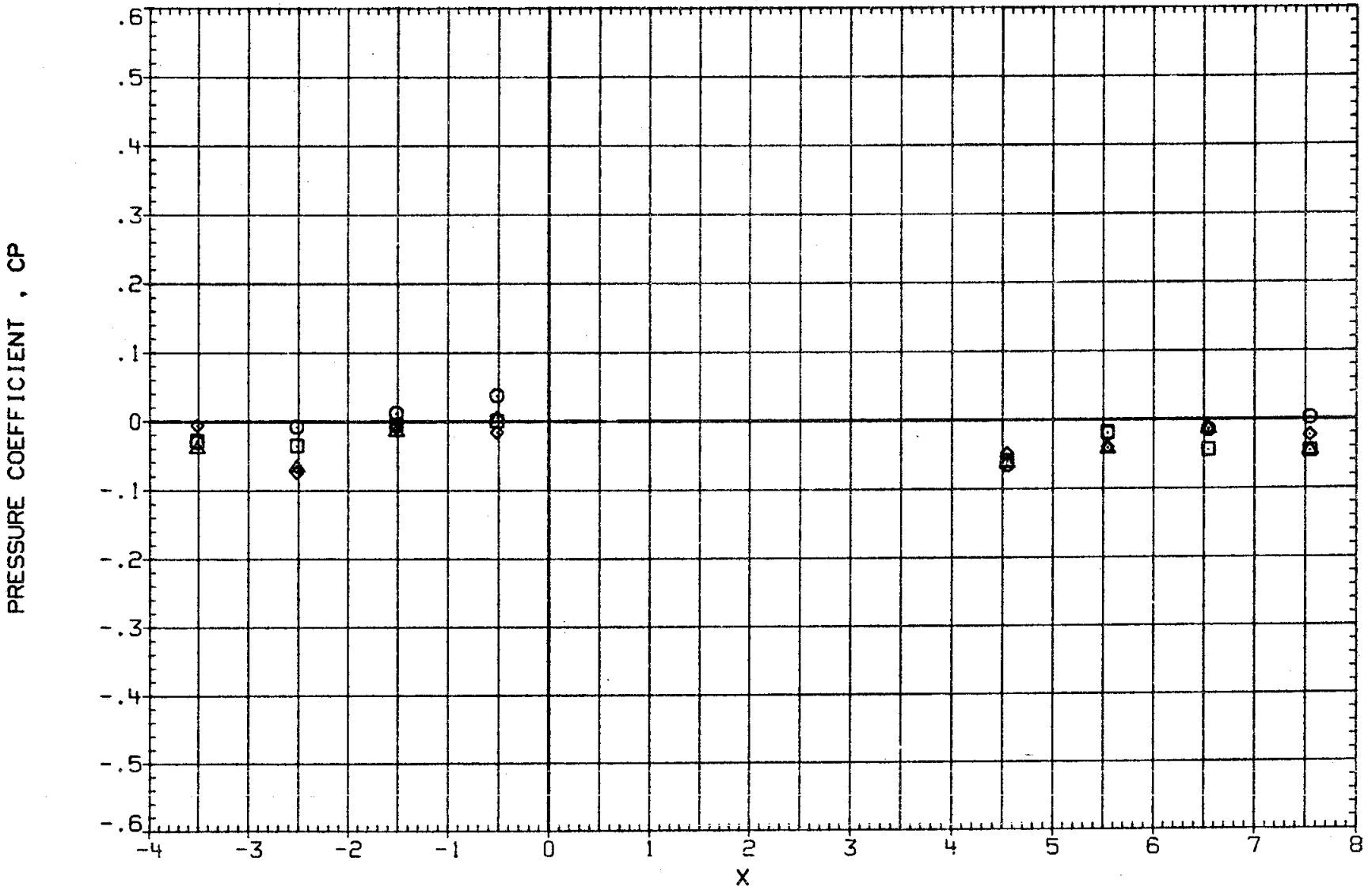



FIG. 23 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TS47) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | 2.523 | 4.383 | .895 |
| □ | 3.523 | | |
| ◇ | 4.530 | | |
| △ | 5.530 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

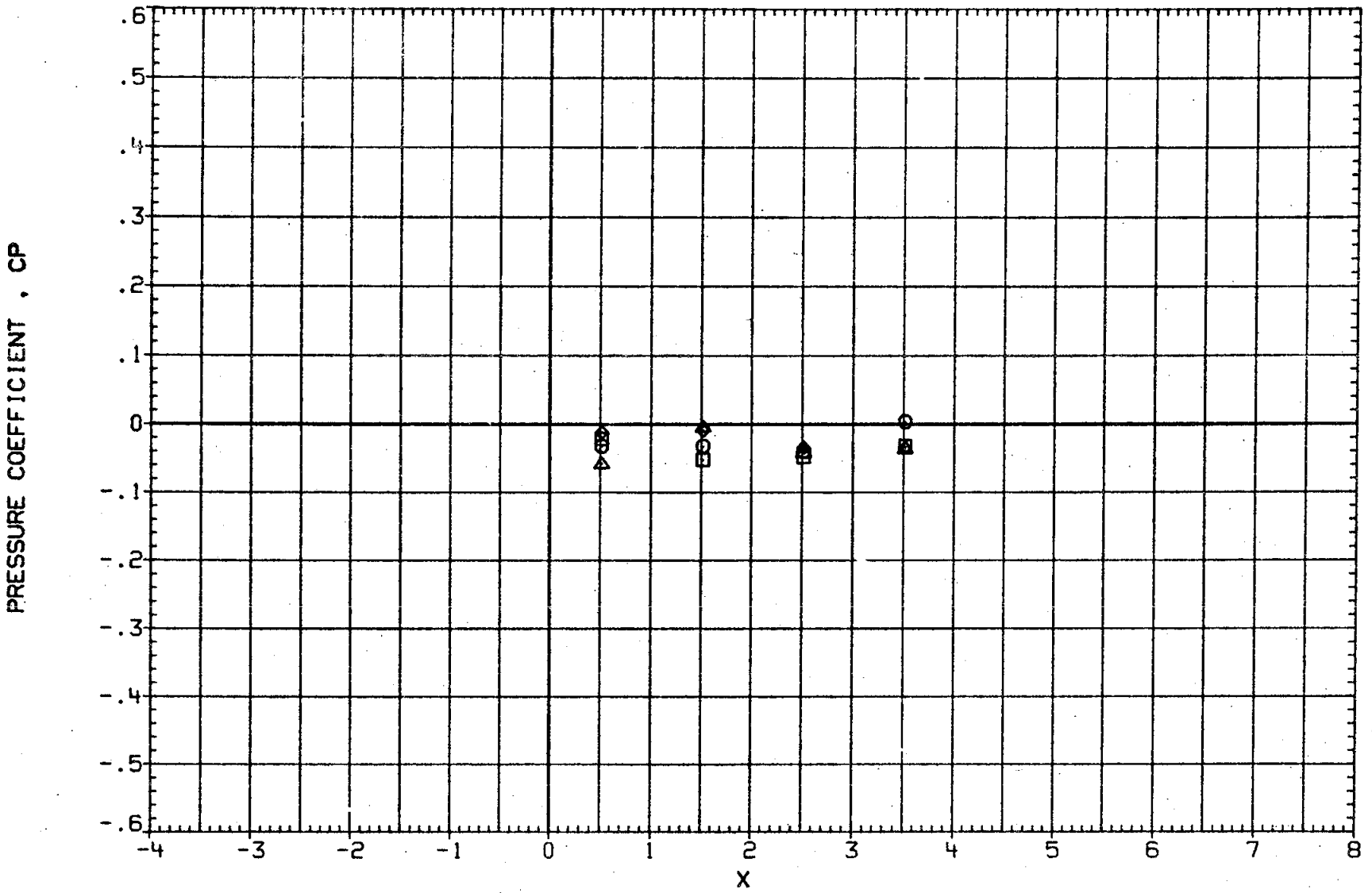



FIG. 23 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

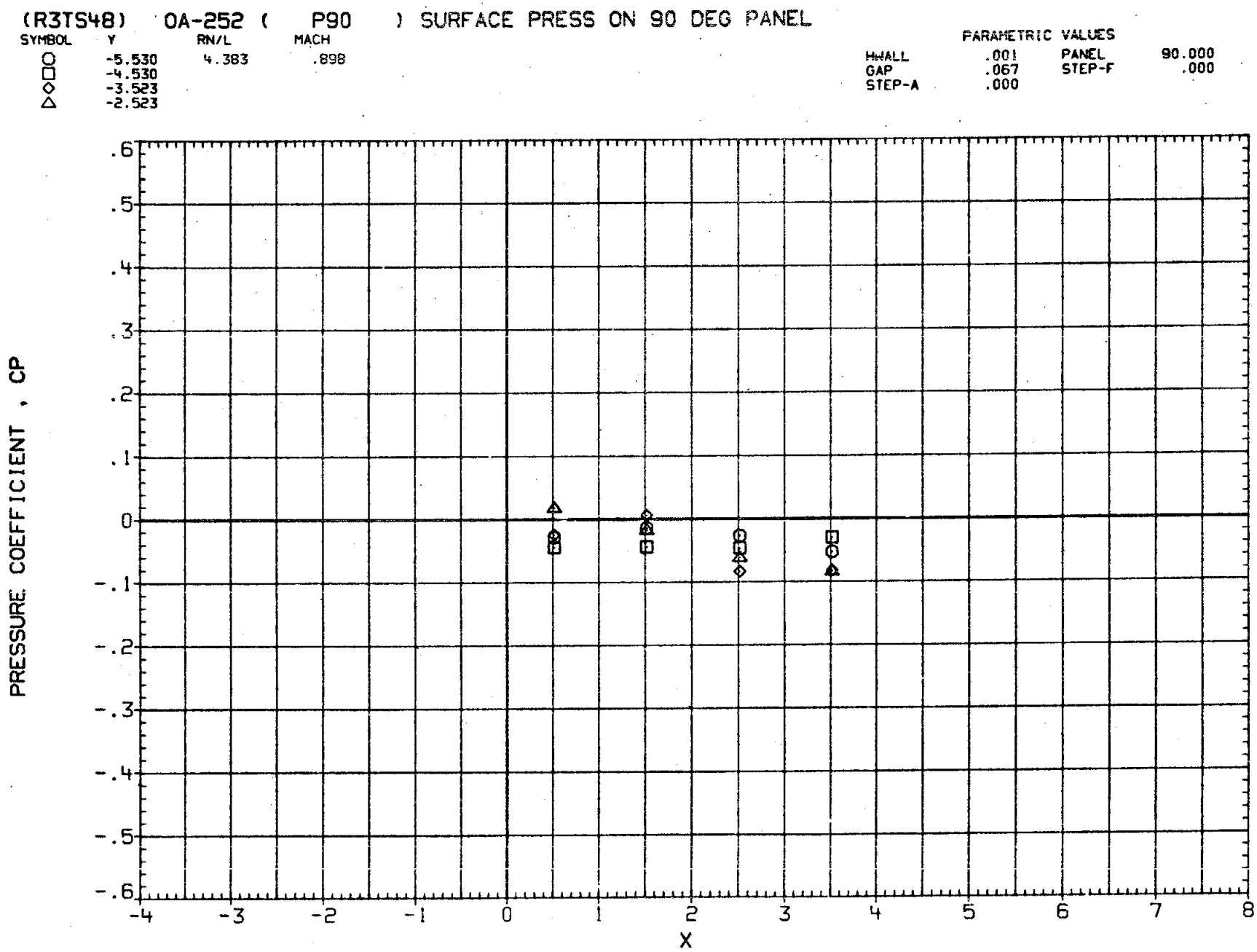



FIG. 24 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TS48) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.515 | 4.383 | .898 |
| □ | -.515 | | |
| ◇ | .515 | | |
| △ | 1.515 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

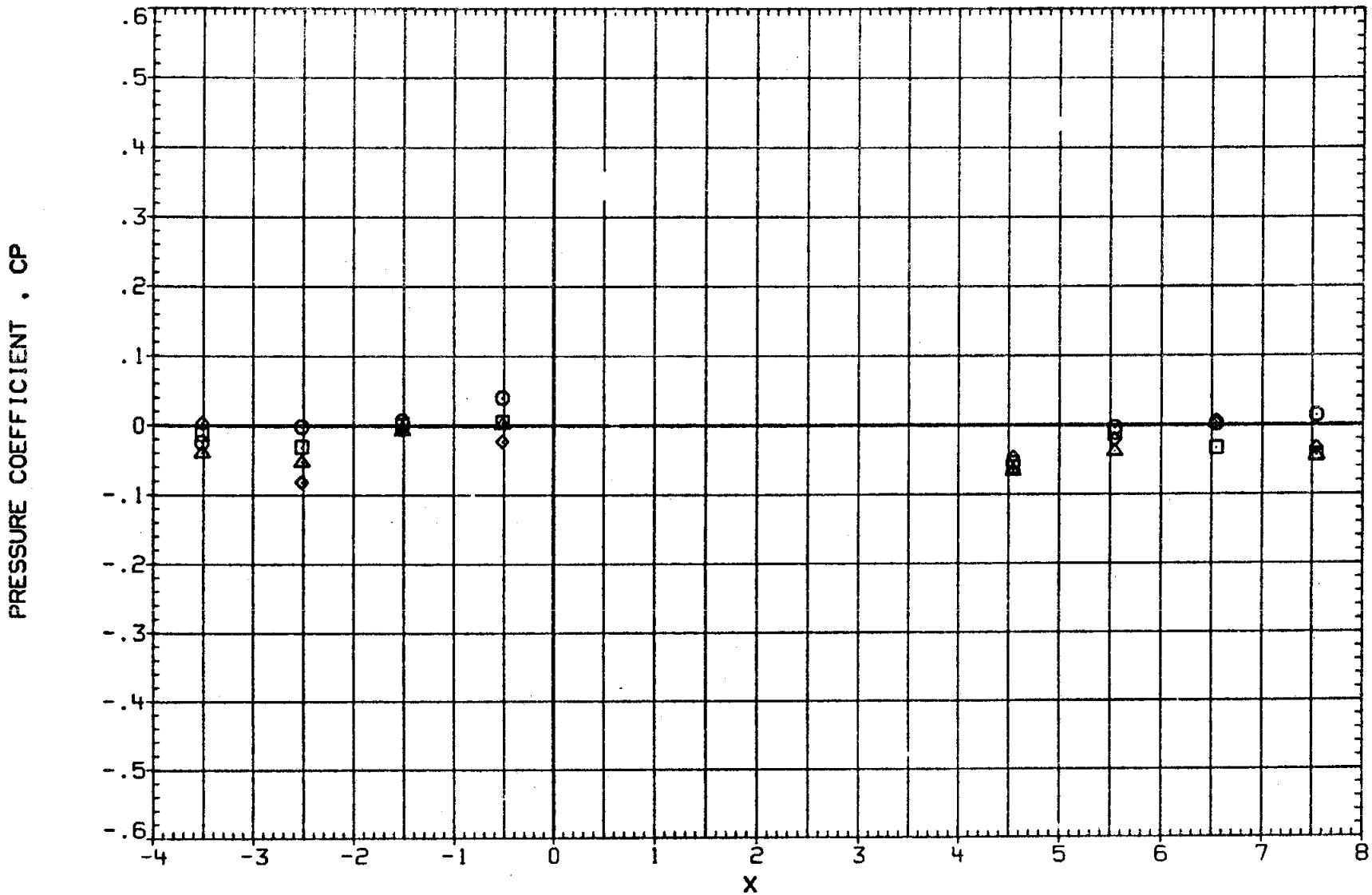



FIG. 24 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TS48) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | 2.523 | 4.383 | .898 |
| □ | 3.523 | | |
| ◇ | 4.530 | | |
| △ | 5.530 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

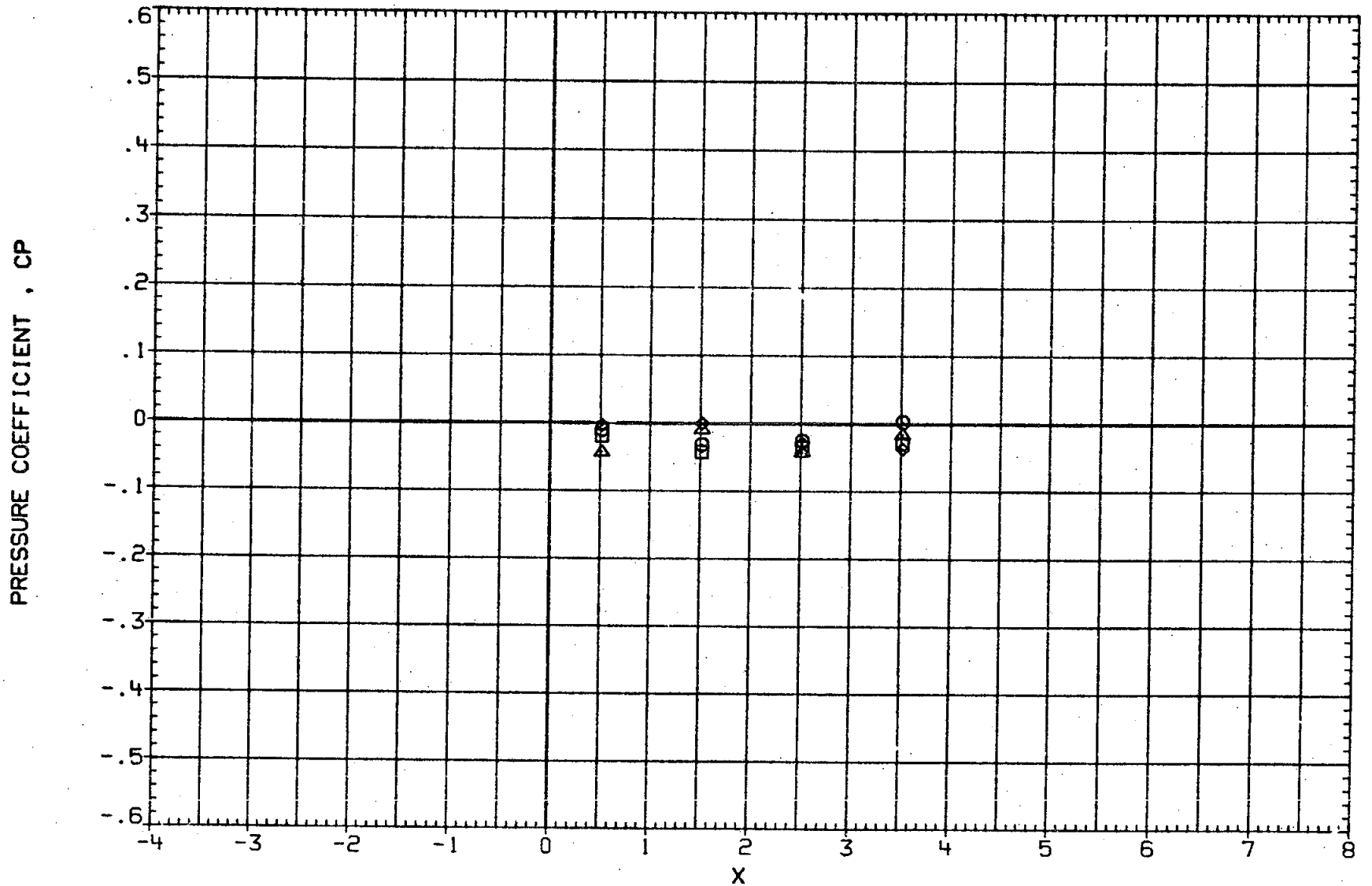



FIG. 24 SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS04) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.500 | 4.589 | .900 |
| □ | -.500 | | |
| ◇ | .500 | | |
| △ | 1.500 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

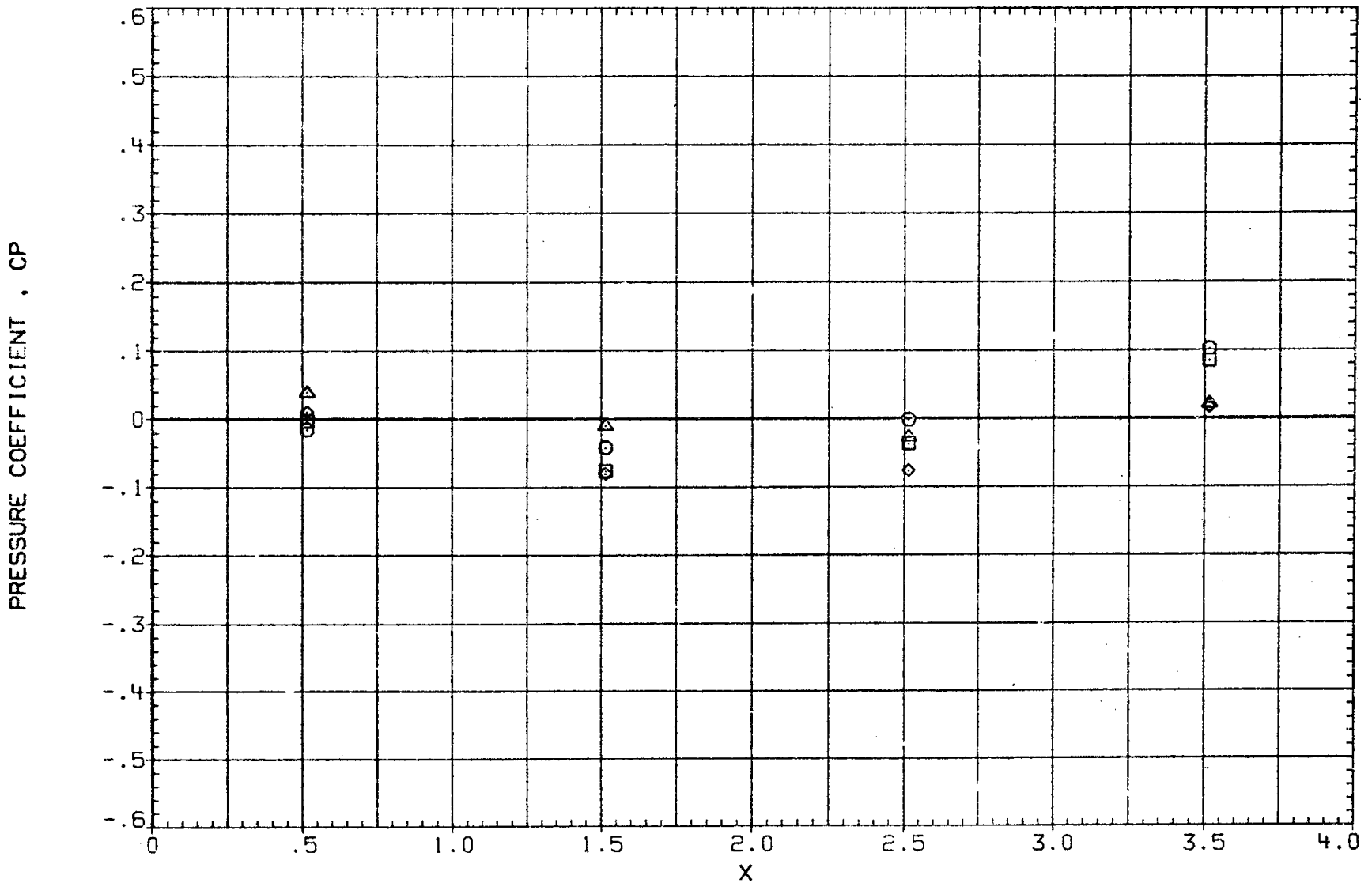



FIG. 30 CAVITY PRESSURES ON 90 DEGREE PANEL
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS10) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.500 | 4.422 | .900 |
| □ | -.500 | | |
| ◇ | .500 | | |
| △ | 1.500 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

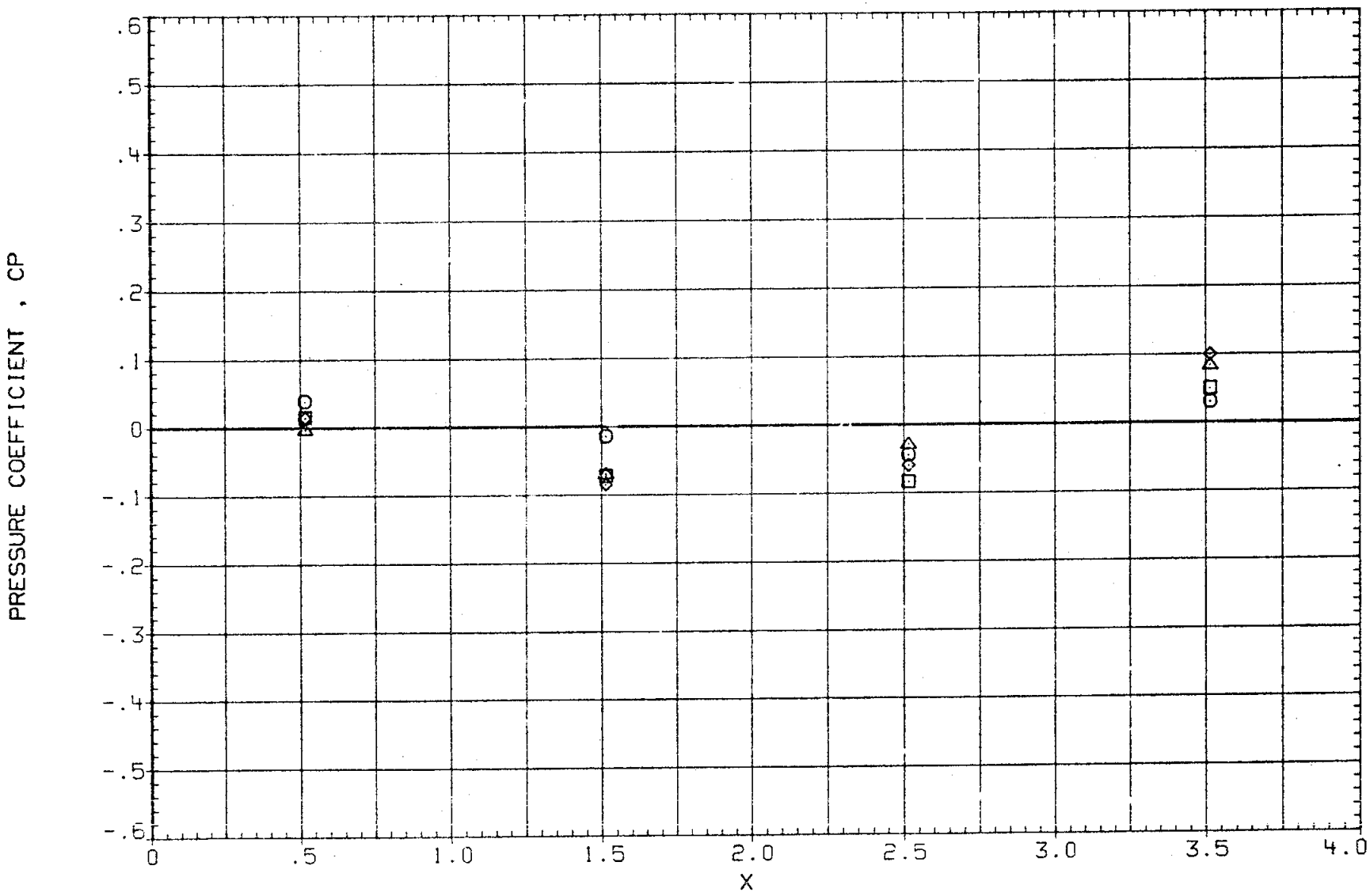



FIG. 31 CAVITY PRESSURES ON 90 DEGREE PANEL
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

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(R3TS31) OA-252 ( P90+S ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.500 | 4.506 | .902 |
| □ | -.500 | | |
| ◇ | .500 | | |
| △ | 1.500 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

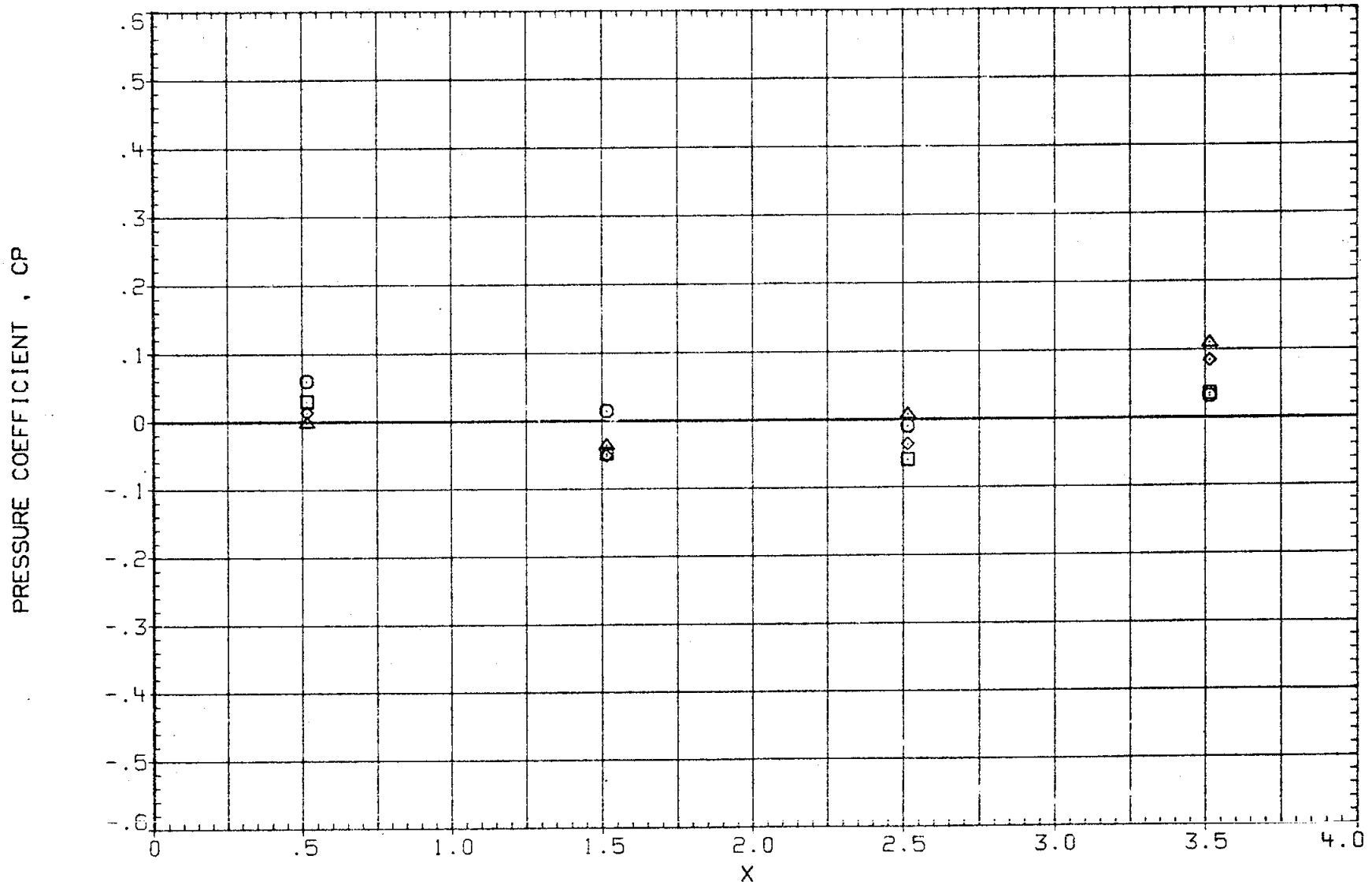


FIG. 32 CAVITY PRESSURES ON 90 DEGREE PANEL W/SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS35) OA-252 ( P90+S ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.500 | 4.430 | .900 |
| □ | -.500 | | |
| ◇ | .500 | | |
| △ | 1.500 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

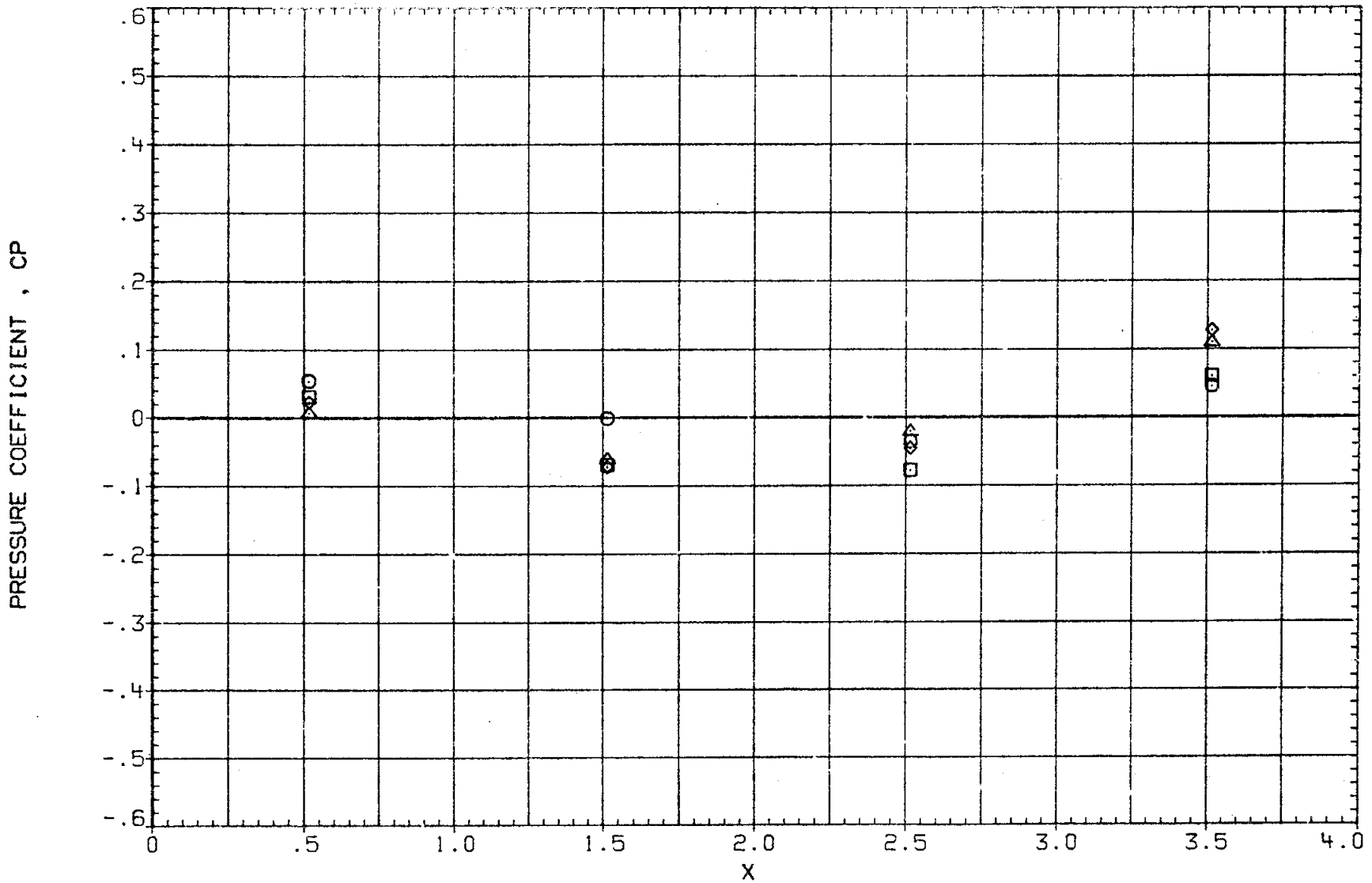


FIG. 33 CAVITY PRESSURES ON 90 DEGREE PANEL W/SHOCK GENERATOR
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

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(R3TS43) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.500 | 4.581 | .898 |
| □ | -.500 | | |
| ◇ | .500 | | |
| △ | 1.500 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

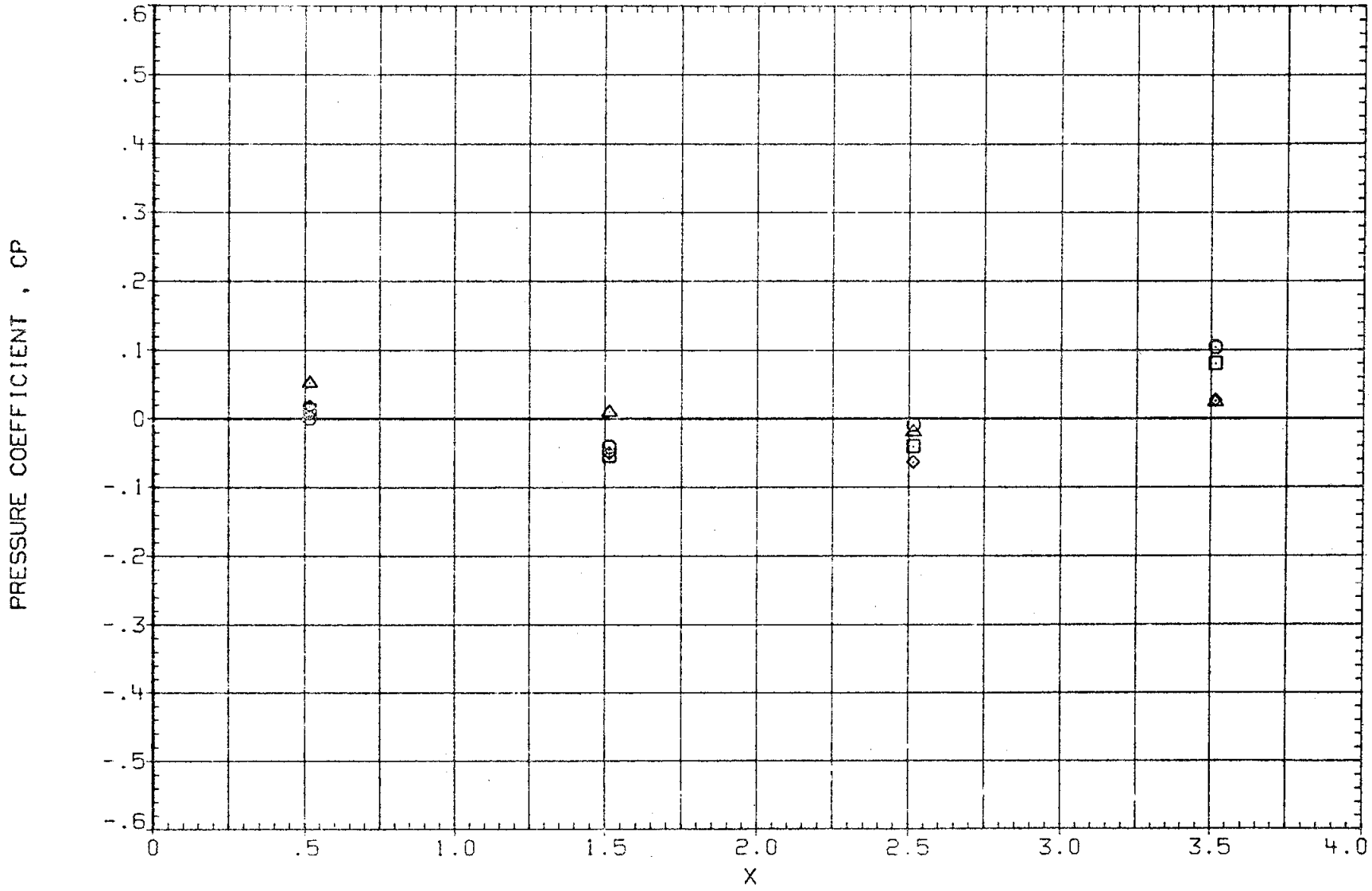


FIG. 38 CAVITY PRESSURES ON 90 DEGREE PANEL W/-.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS44) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.500 | 4.528 | .900 |
| □ | -.500 | | |
| ◇ | .500 | | |
| △ | 1.500 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

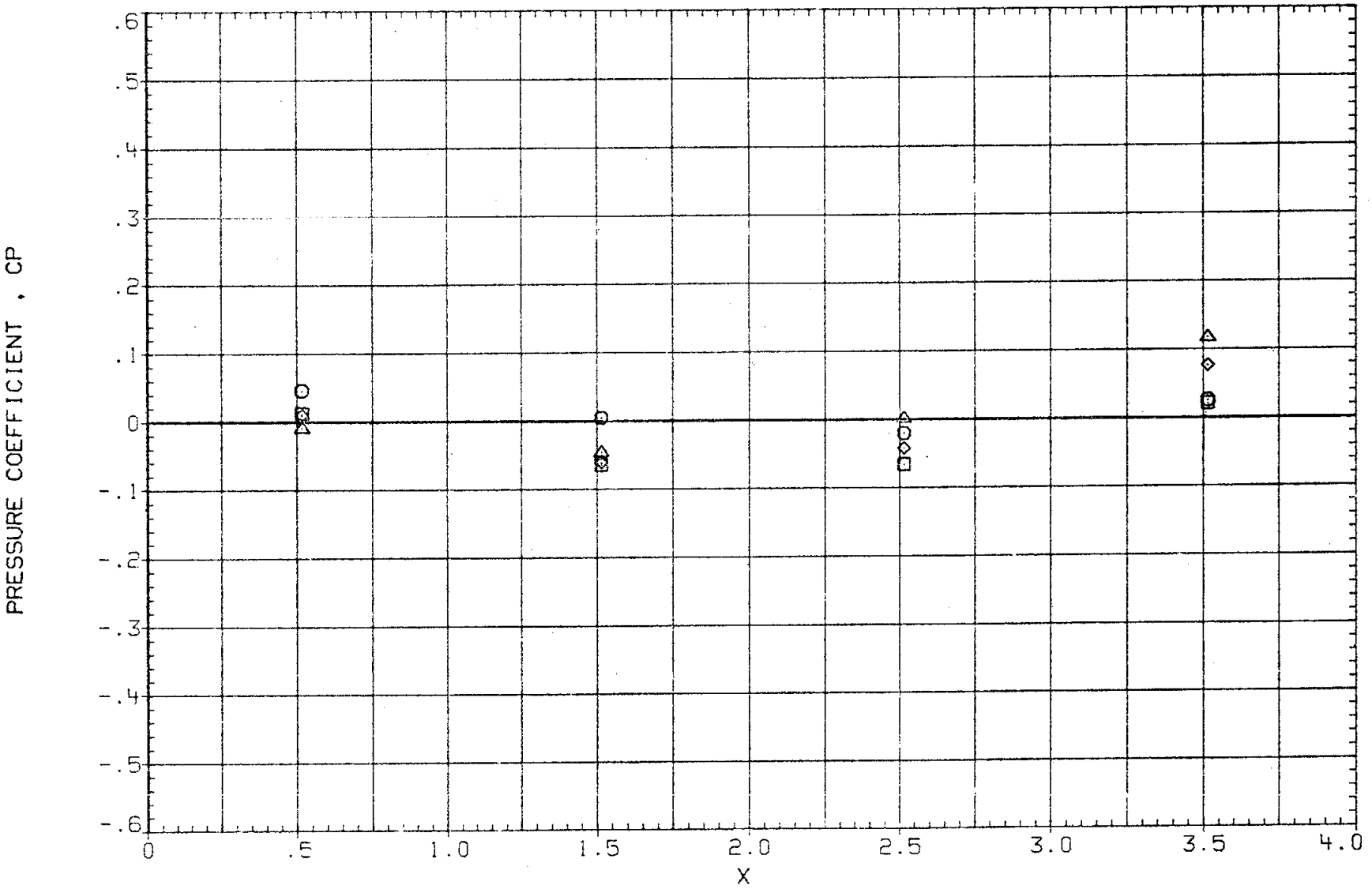


FIG. 39 CAVITY PRESSURES ON 90 DEGREE PANEL W/+.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS46) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.500 | 4.493 | .898 |
| □ | -.500 | | |
| ◇ | .500 | | |
| △ | 1.500 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

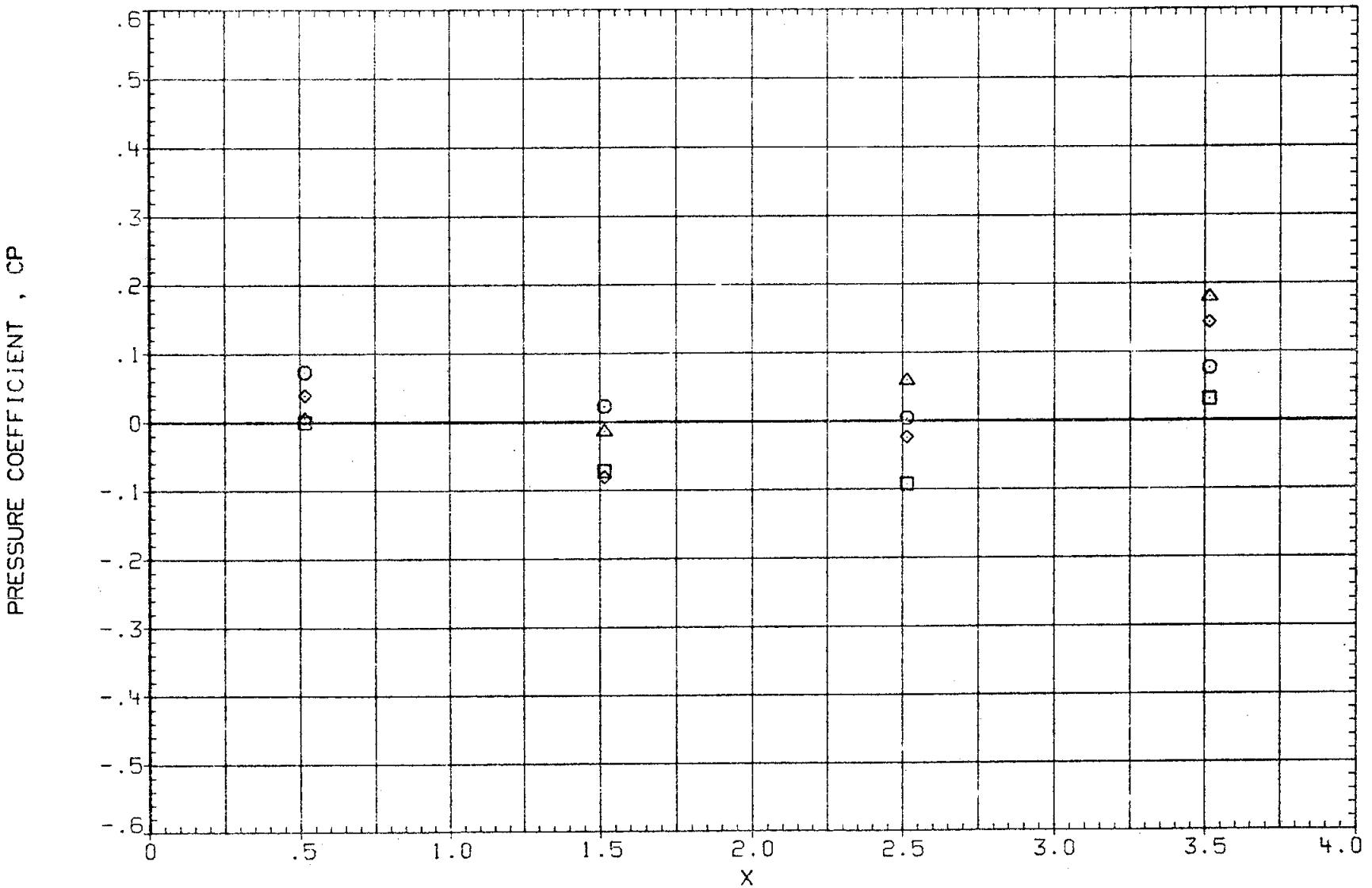


FIG. 40 CAVITY PRESSURES ON 90 DEGREE PANEL W/+0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TS47) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.500 | 4.383 | .895 |
| □ | -.500 | | |
| ◇ | .500 | | |
| △ | 1.500 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

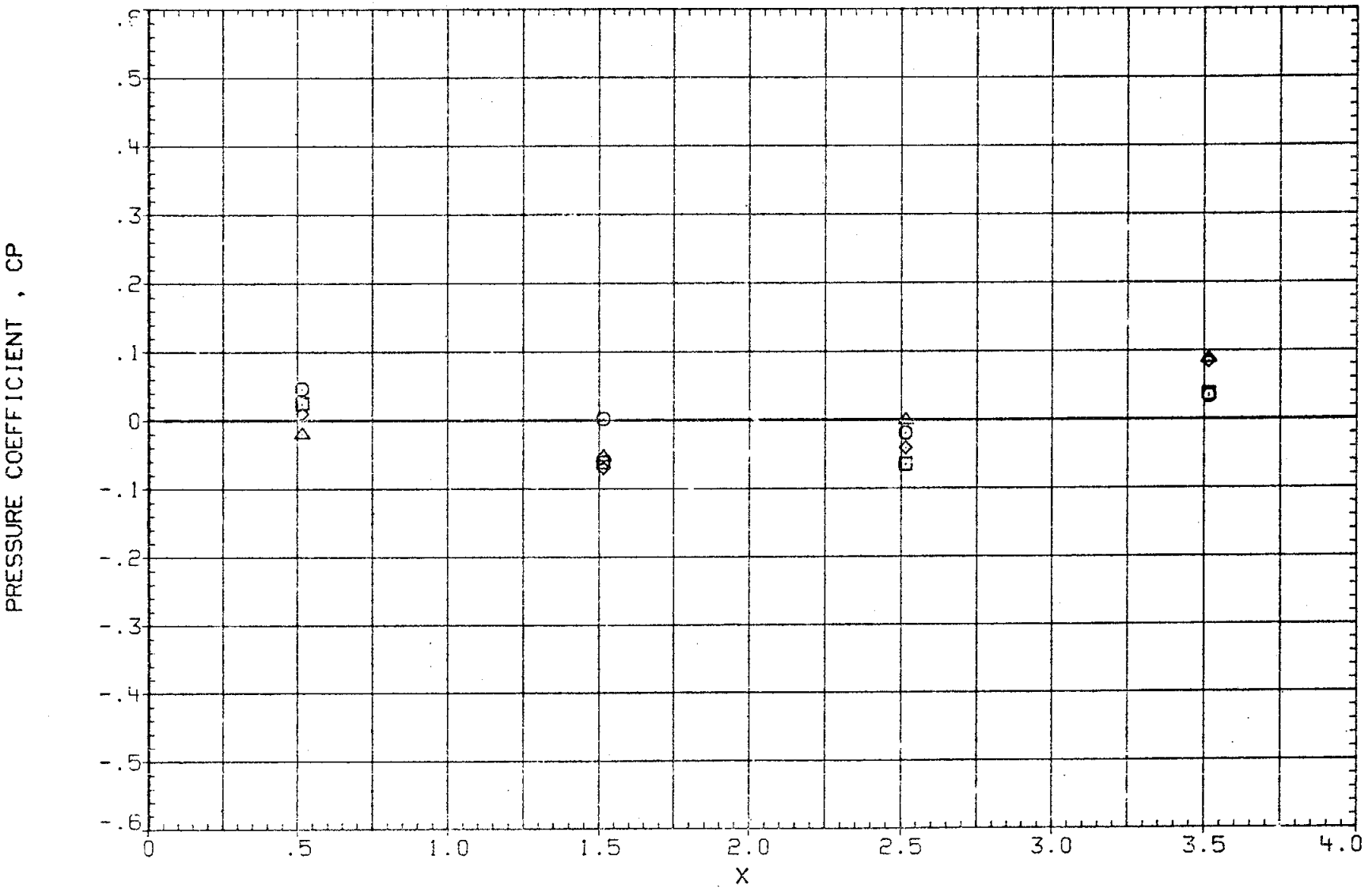


FIG. 41 CAVITY PRESSURES ON 90 DEGREE PANEL W/+0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TS48) OA-252 ( P90 ) SURFACE PRESS ON 90 DEG PANEL

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -1.500 | 4.383 | .698 |
| □ | -.500 | | |
| ◇ | .500 | | |
| △ | 1.500 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

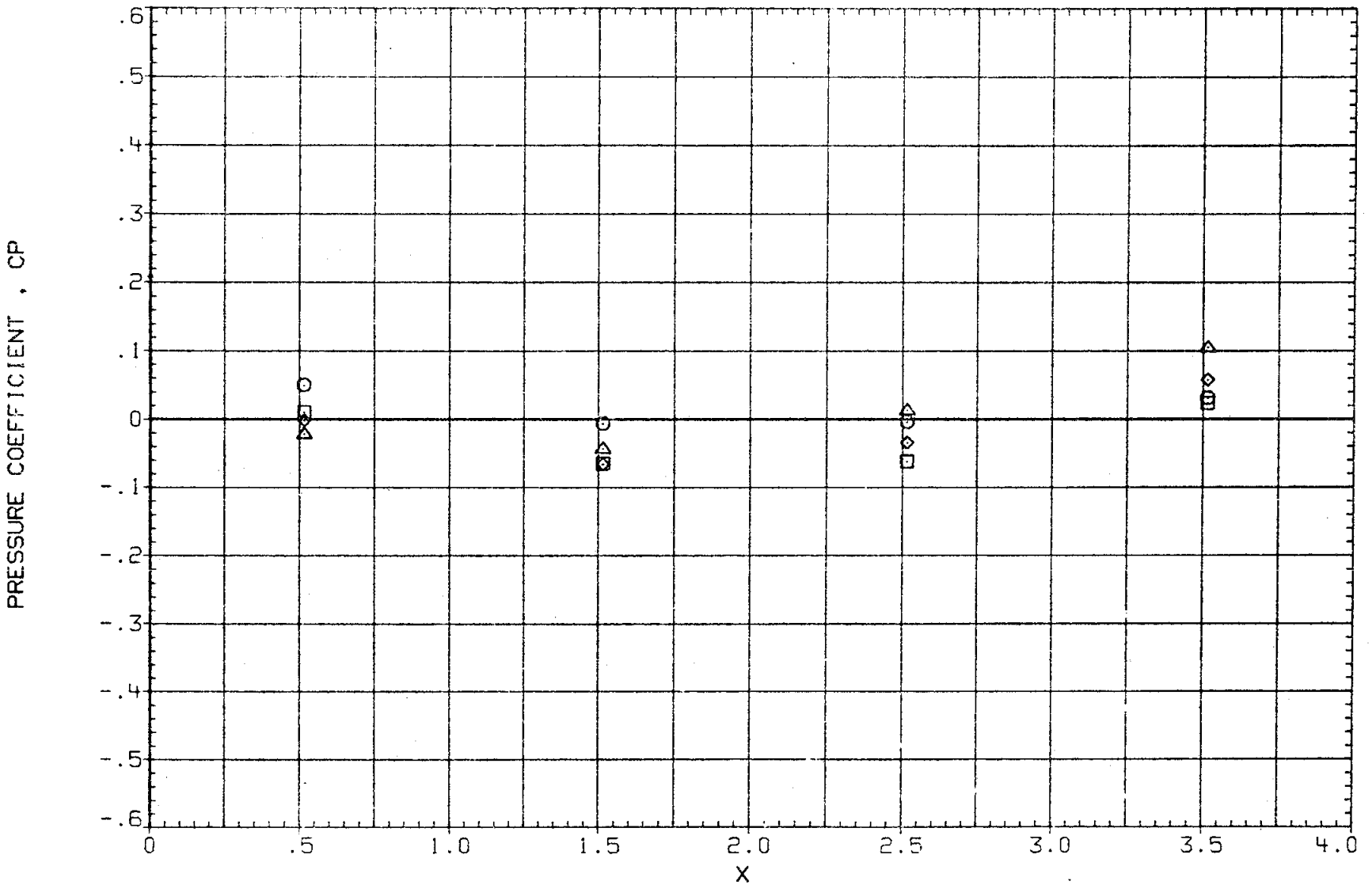


FIG. 42 CAVITY PRESSURES ON 90 DEGREE PANEL W/+0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

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(R3TW04) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.588 | .300 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ▷ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

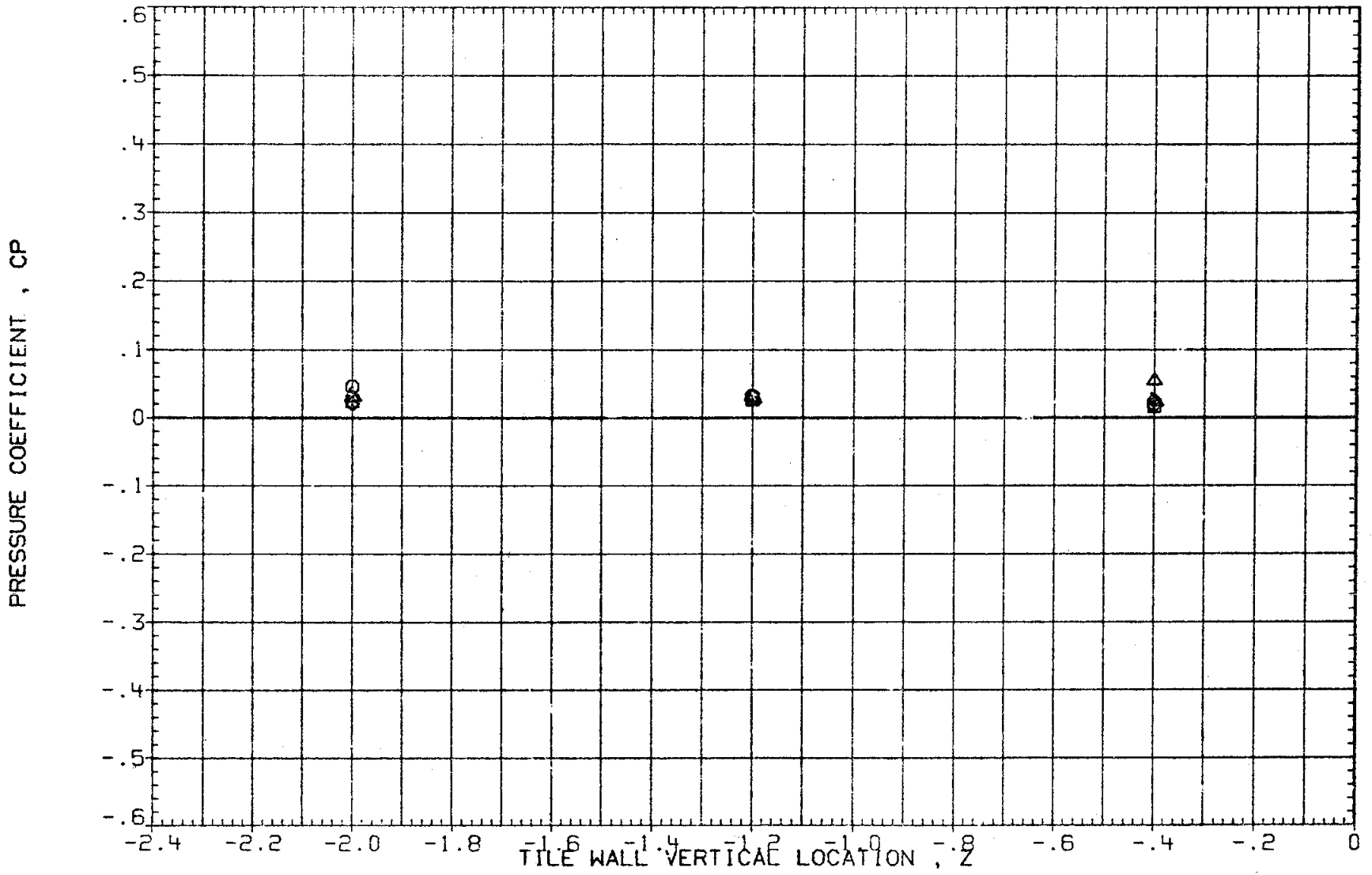


FIG. 48 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW04) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.589 | .900 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

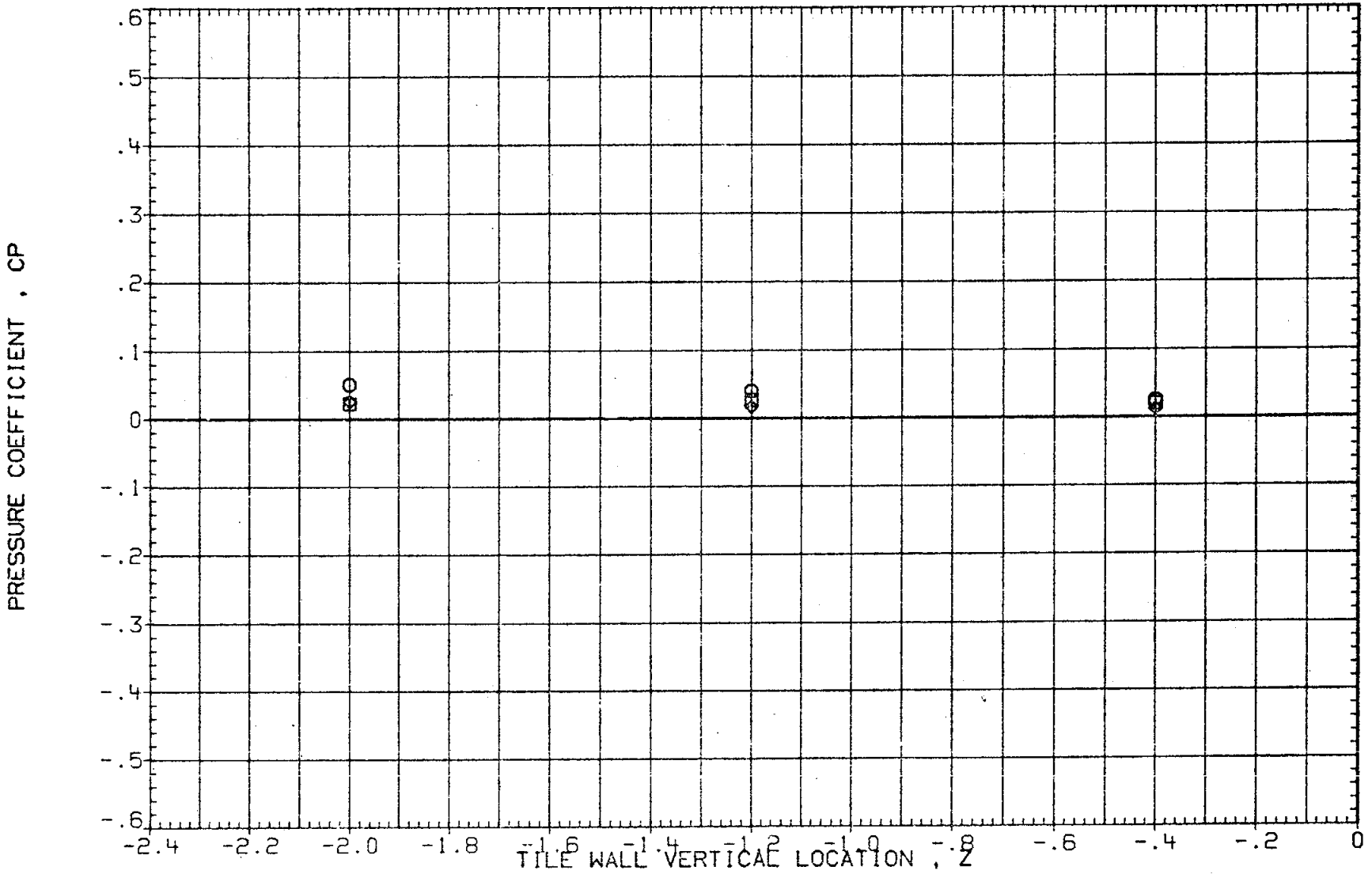


FIG. 48 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW0..) OA-252 ( P90 , TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.589 | .900 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETER VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

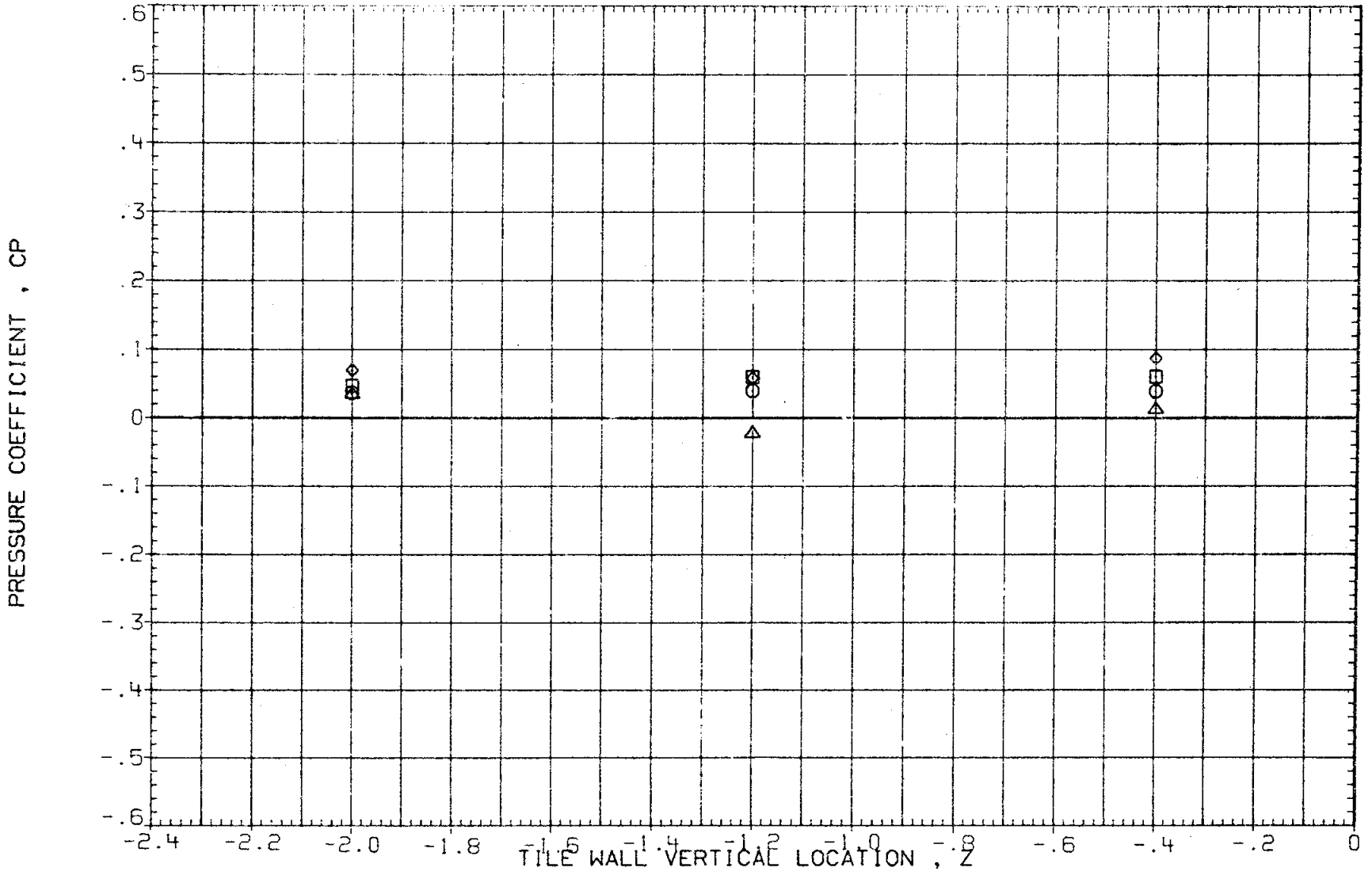


FIG. 48 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW04) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.589 | .900 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

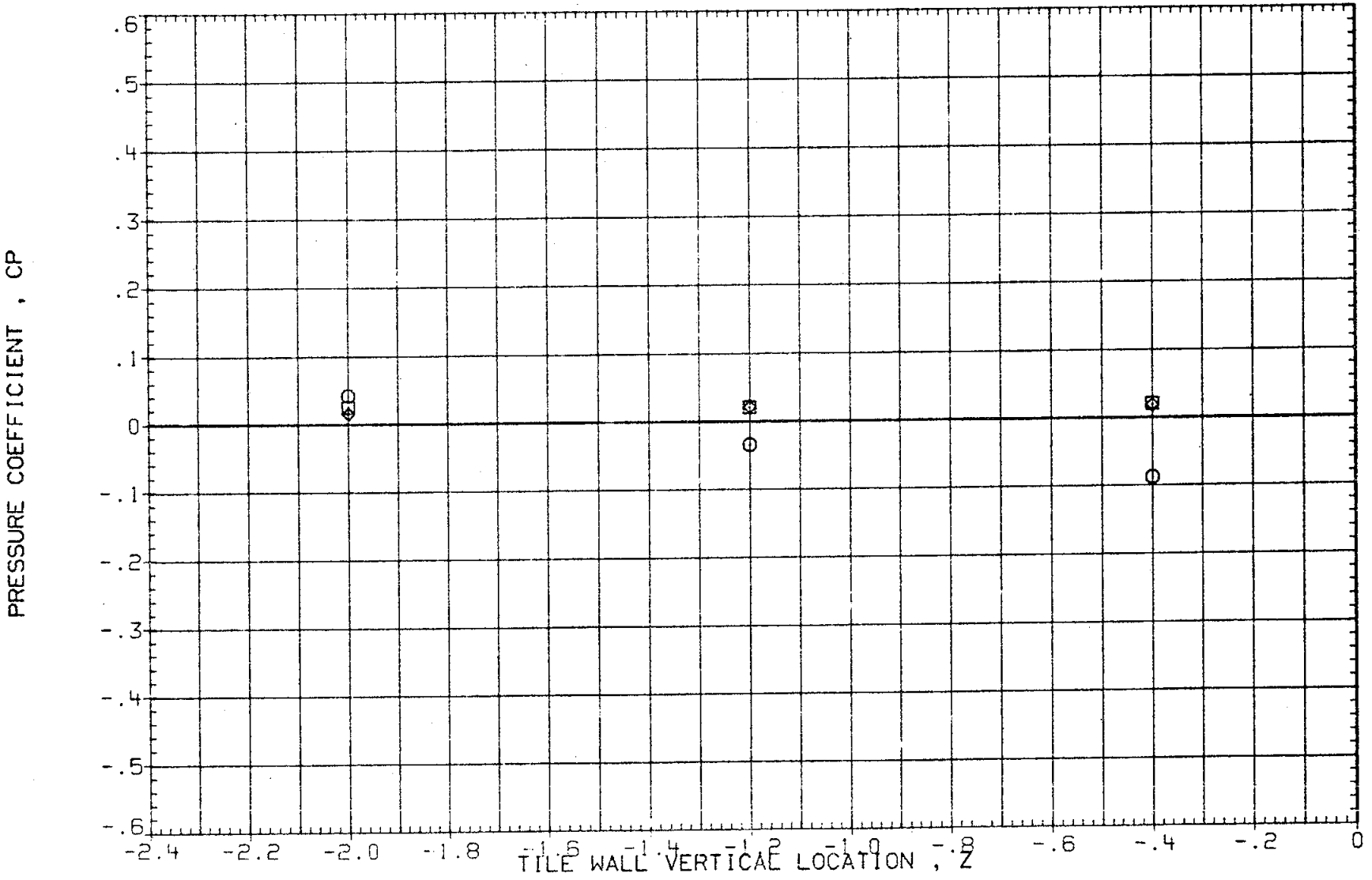


FIG. 48 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW04) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.589 | .900 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

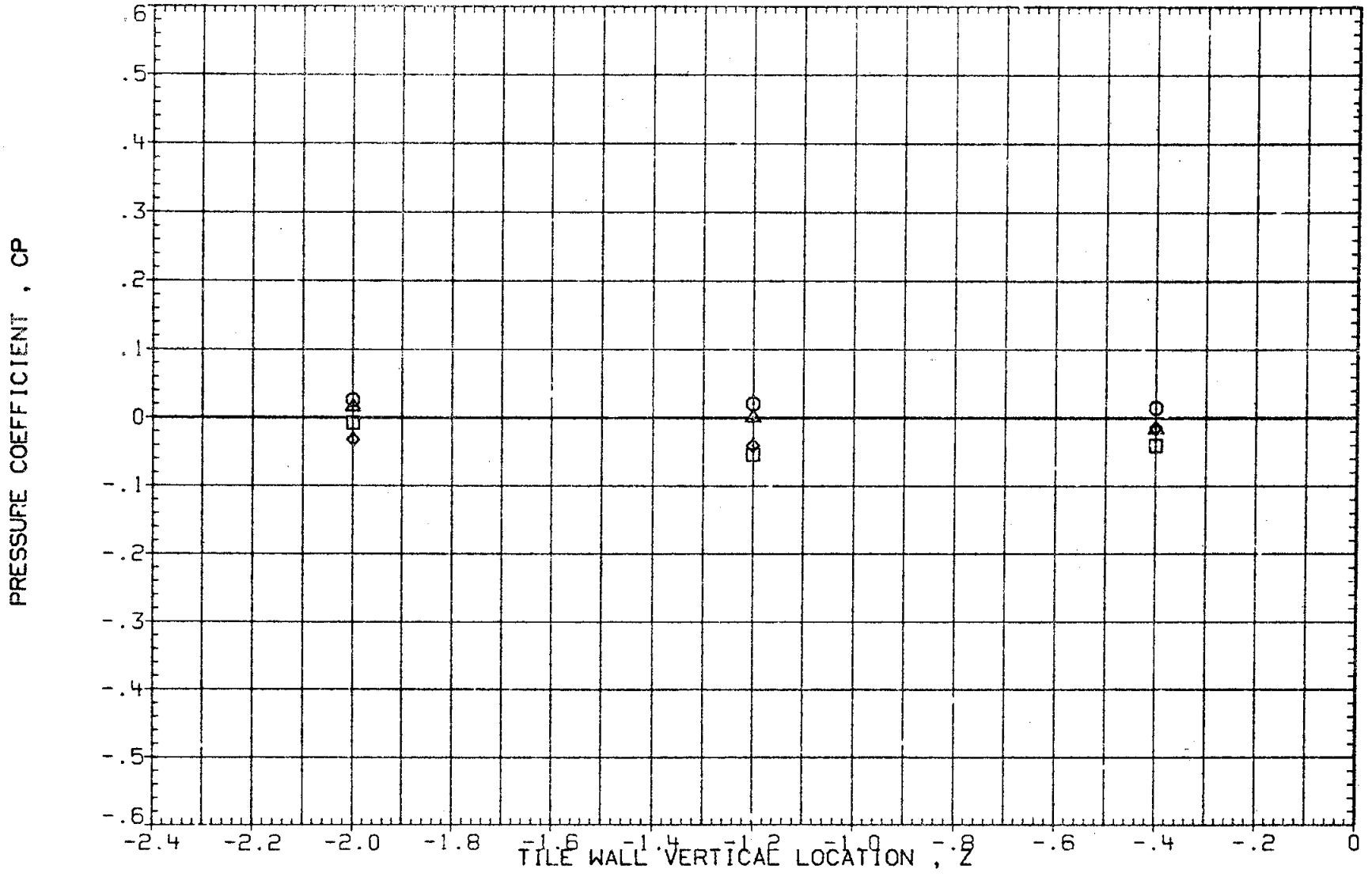


FIG. 48 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW04) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.589 | .900 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

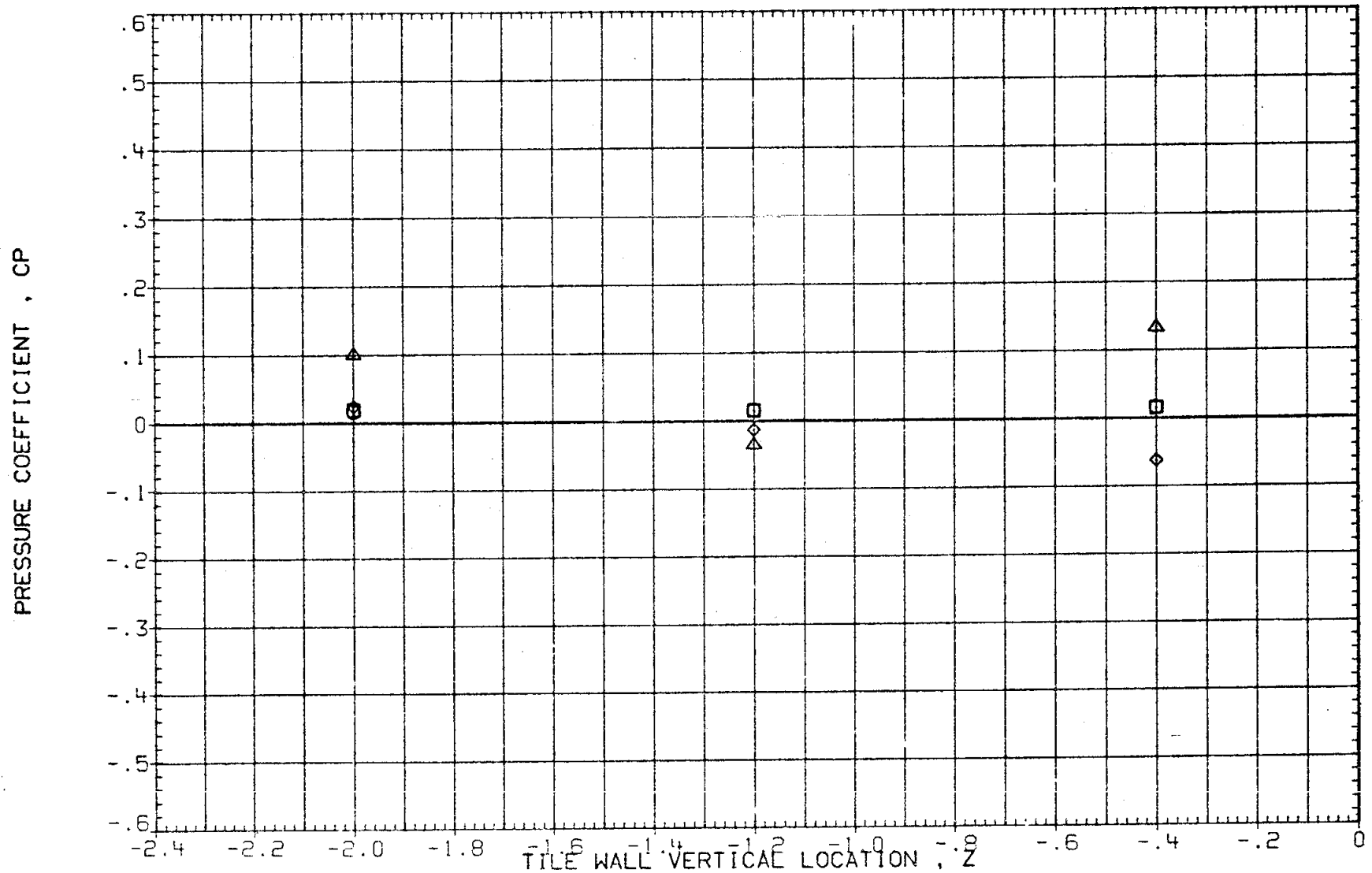


FIG. 48 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW04) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.589 | .900 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

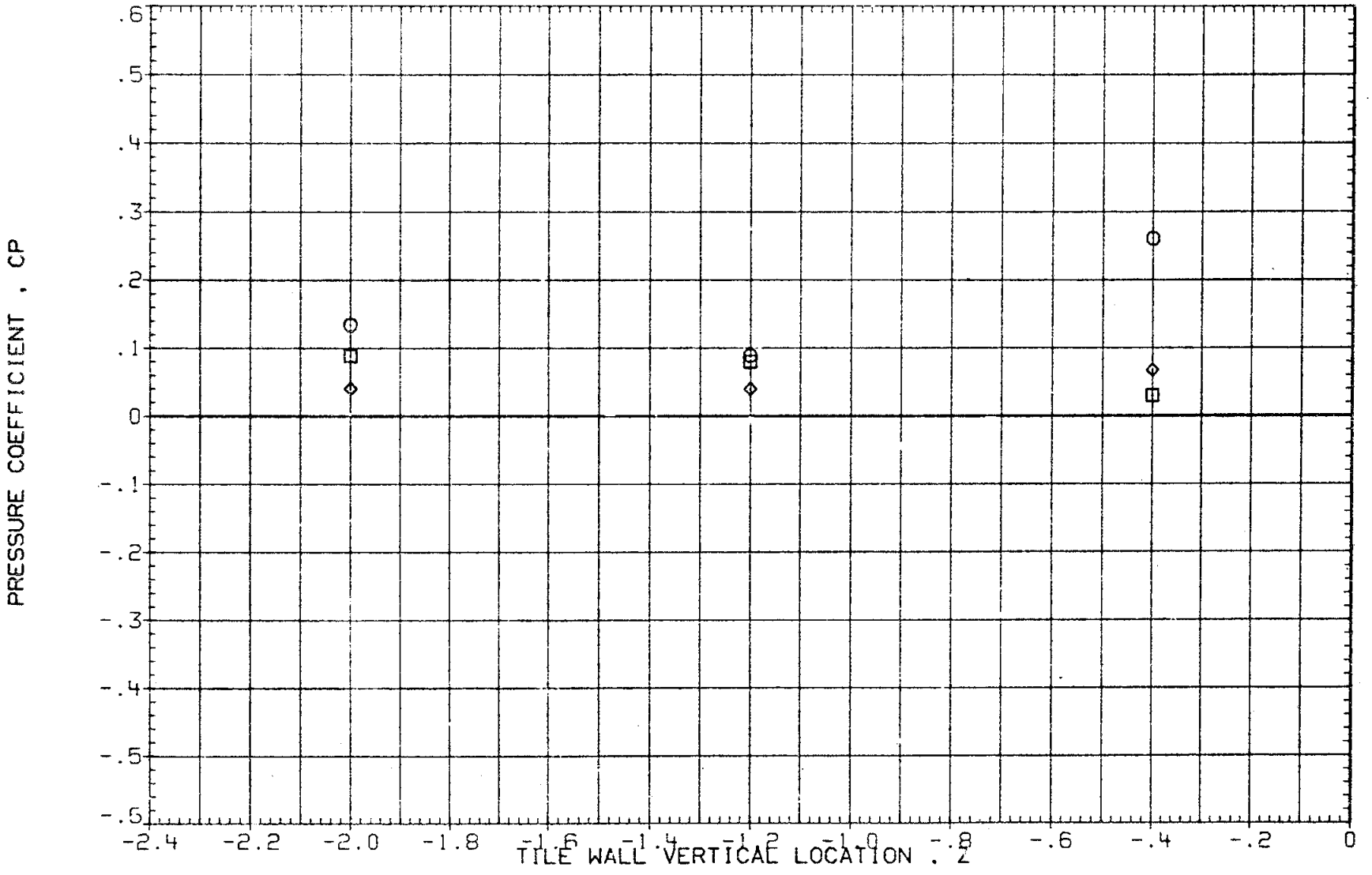


FIG. 48 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW04) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.589 | .900 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

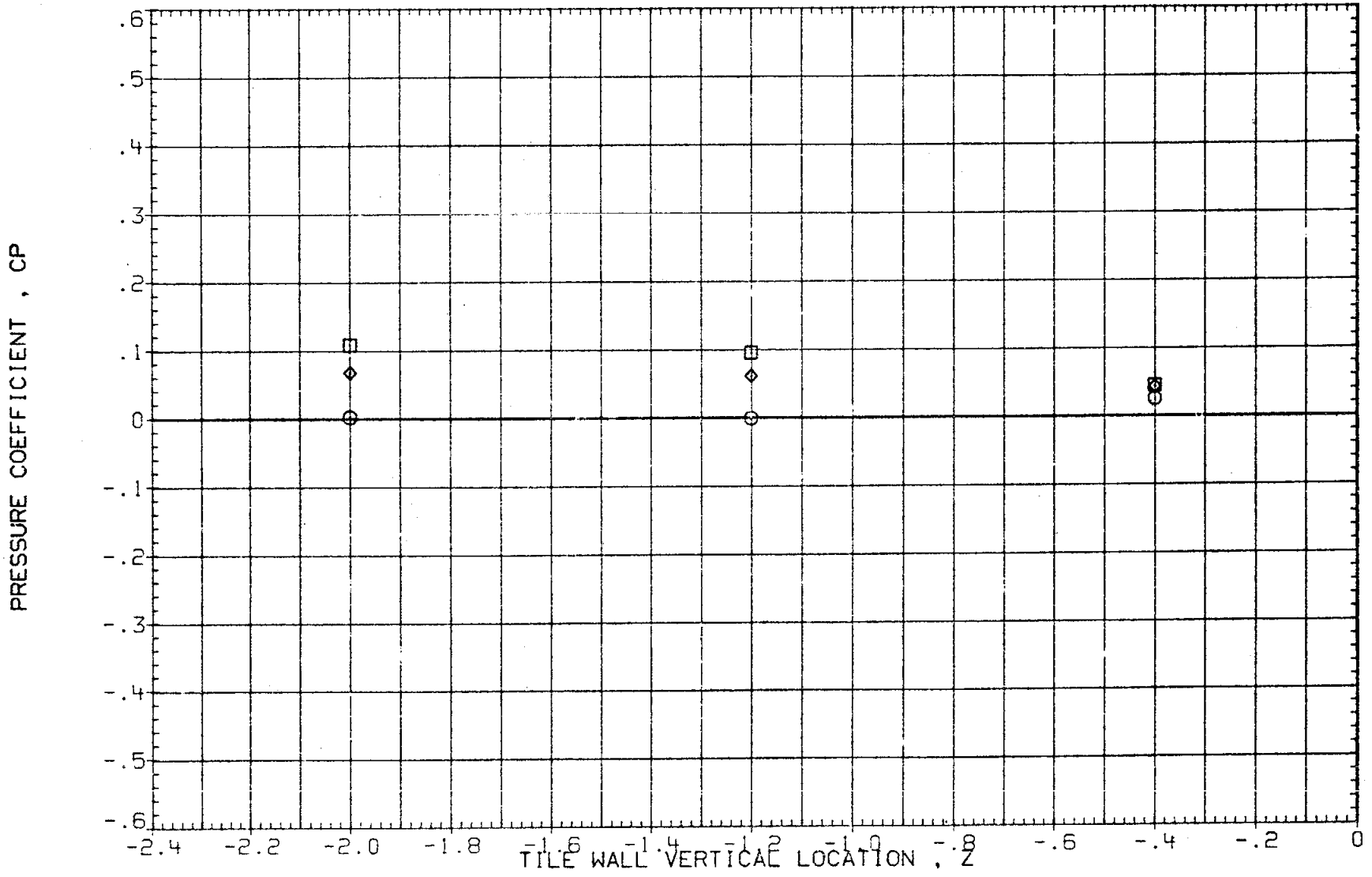


FIG. 48 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW04) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.599 | .900 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ▷ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

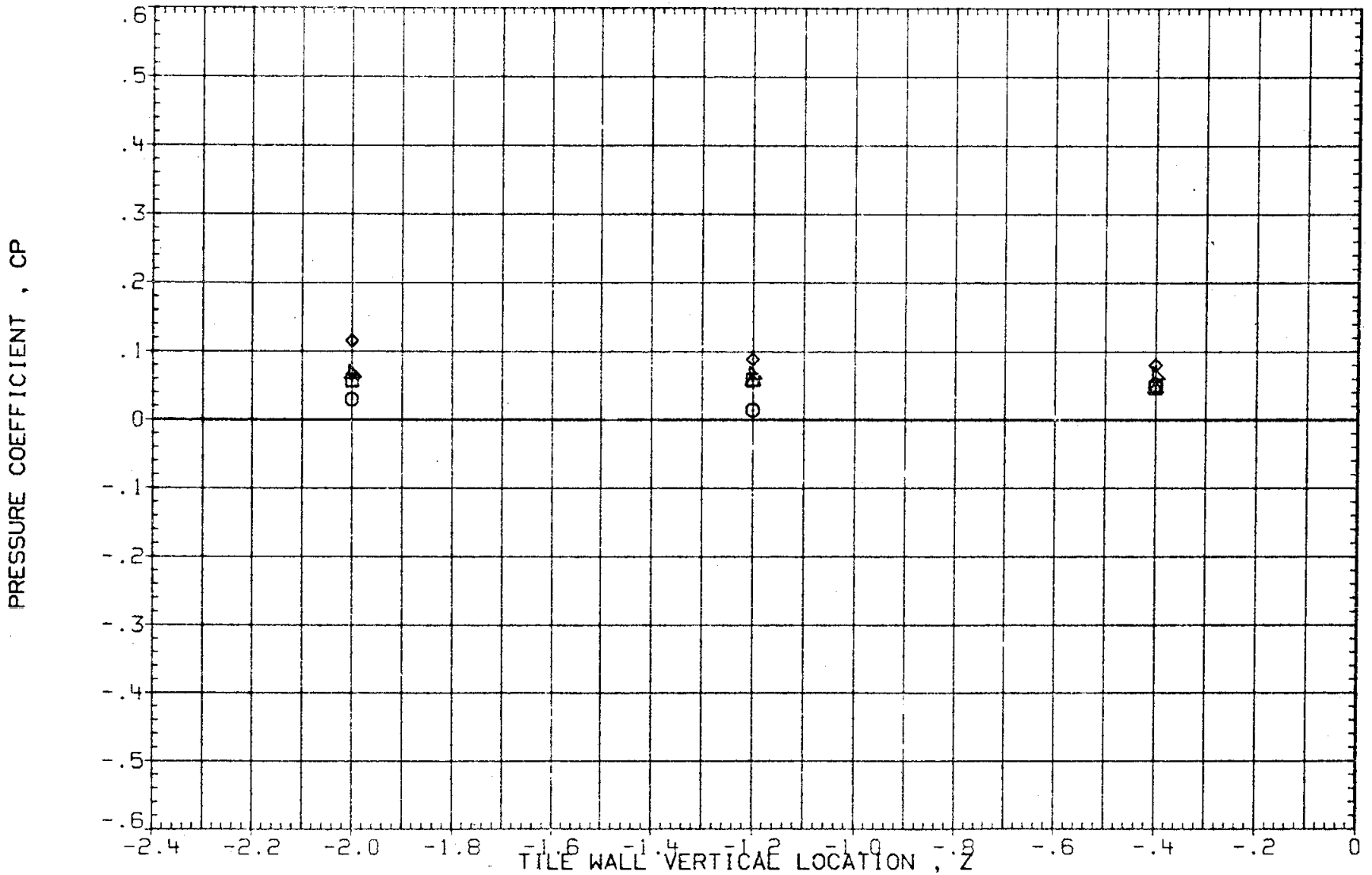


FIG. 48 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

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(R3TW17) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.513 | .898 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| ◁ | 5.000 | | |
| △ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

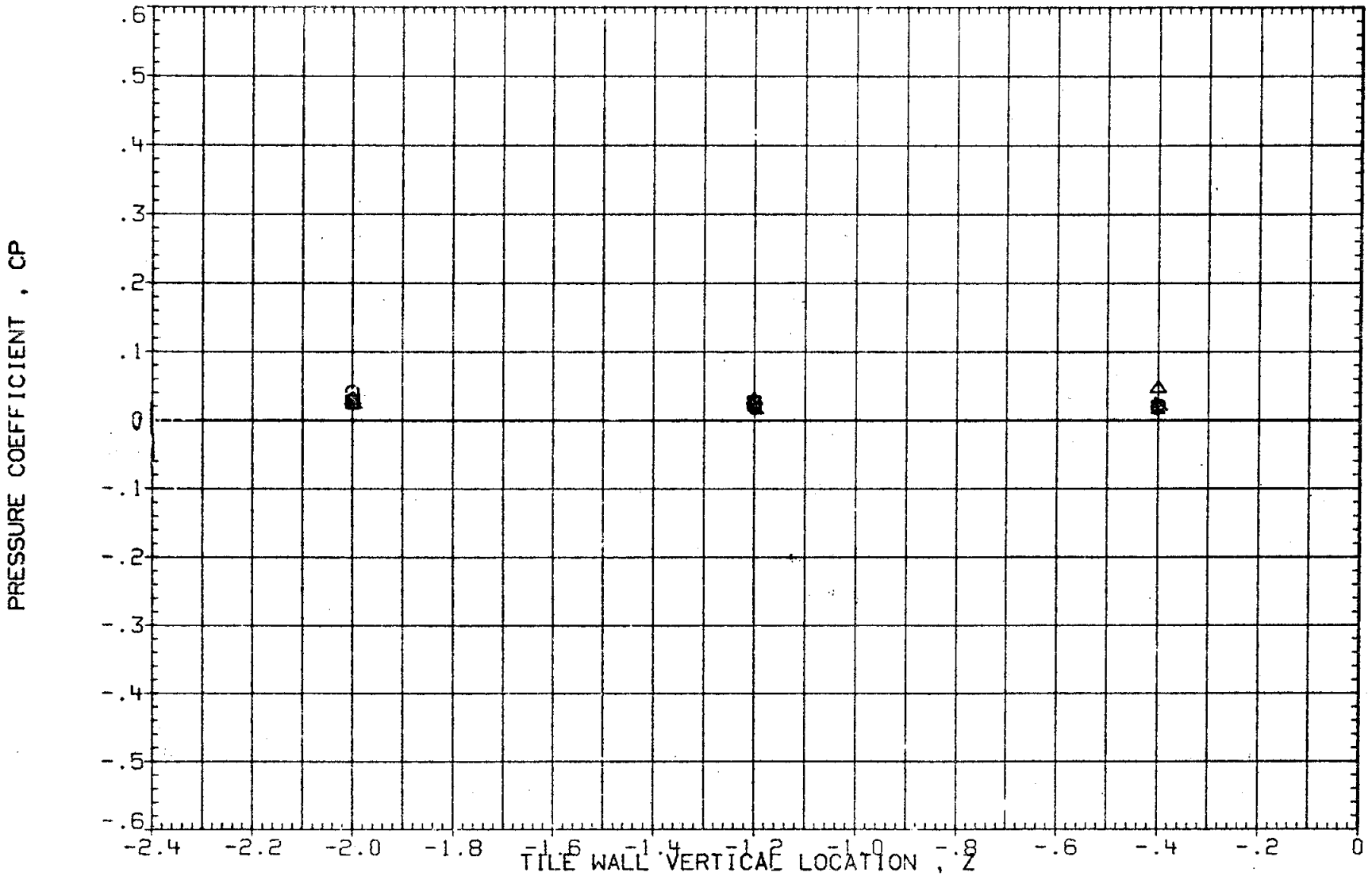


FIG. 49 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW17) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.513 | .898 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

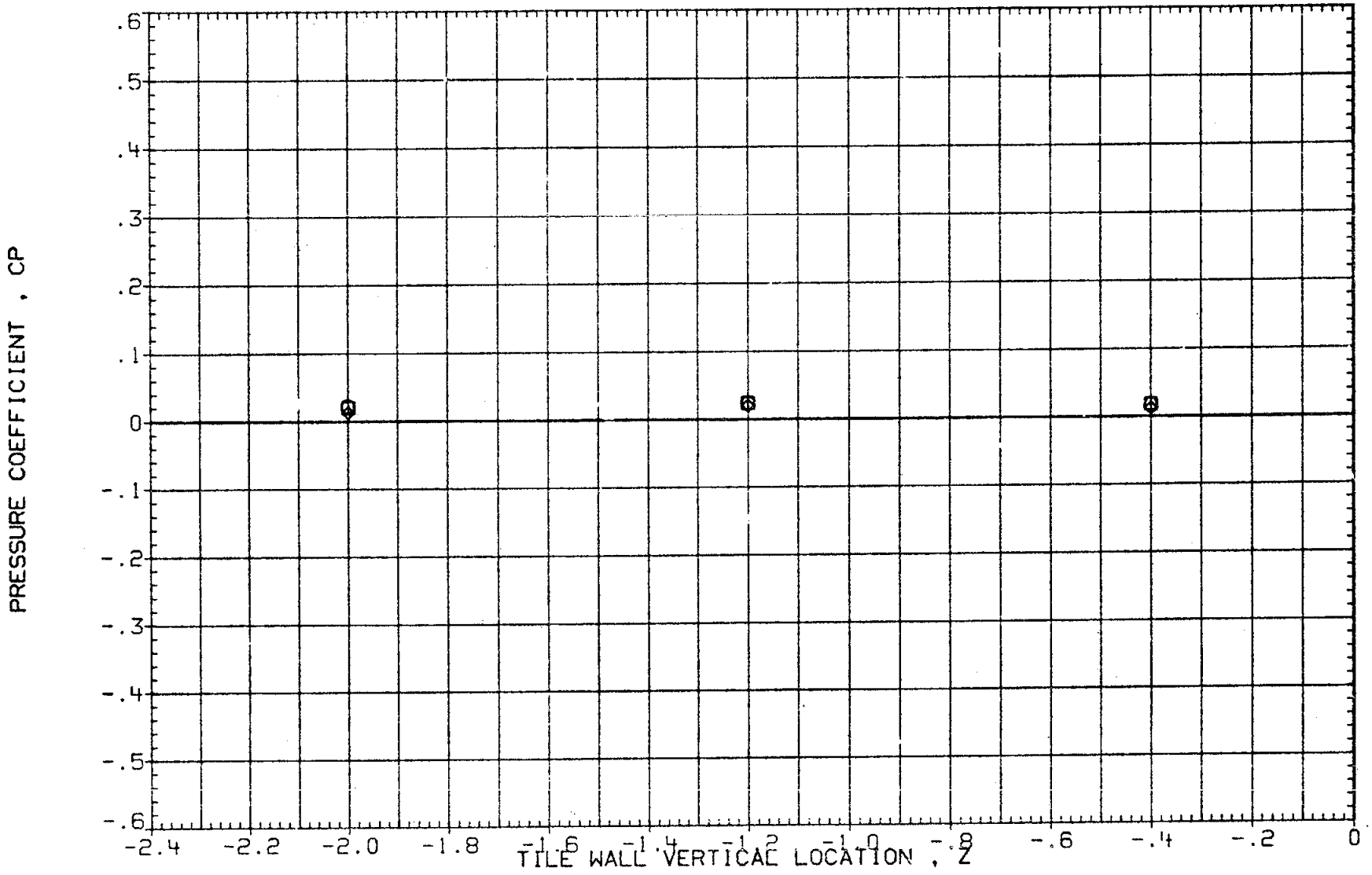


FIG. 49 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW17) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.513 | .898 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

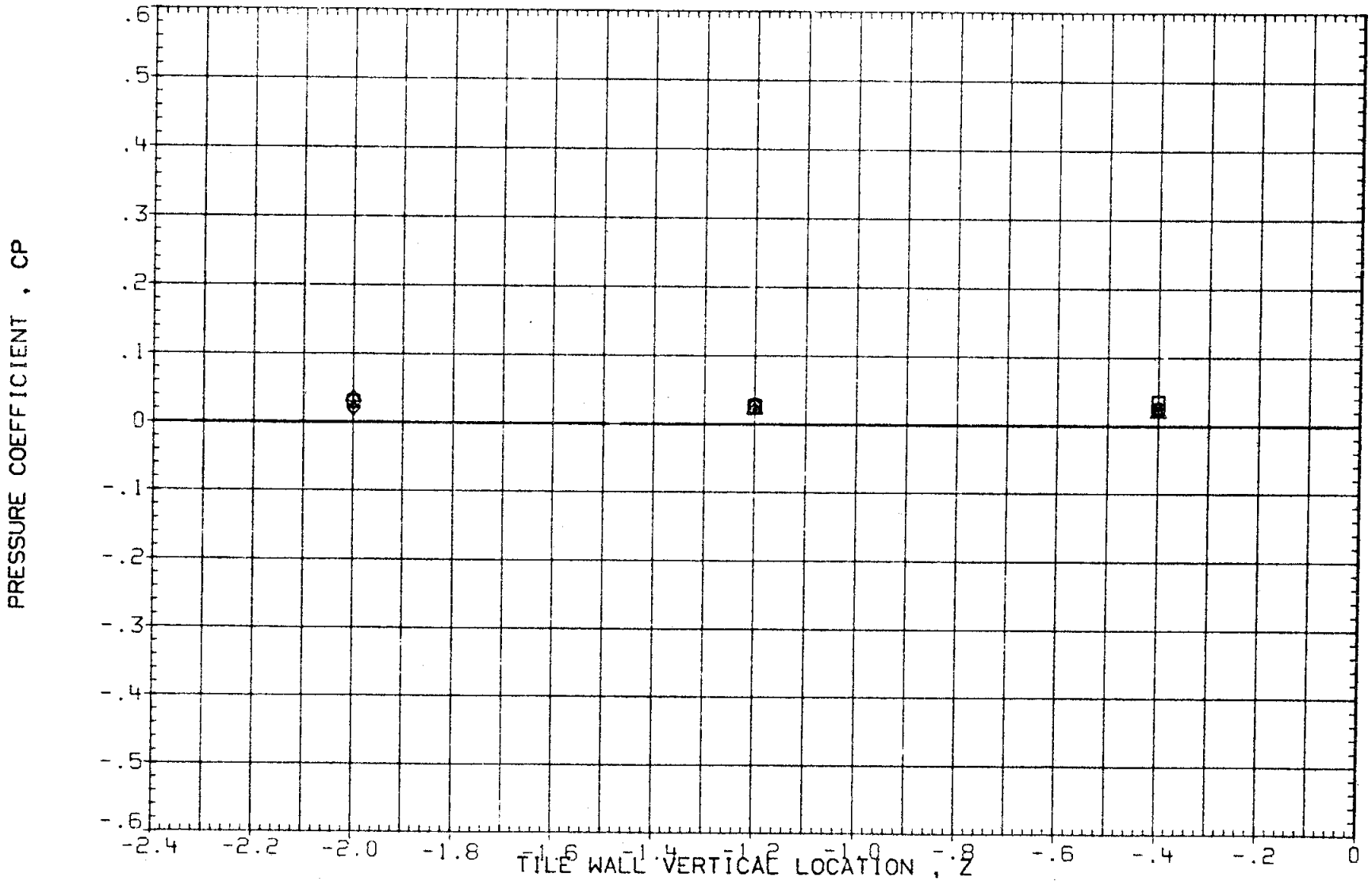


FIG. 49 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW17) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.513 | .898 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

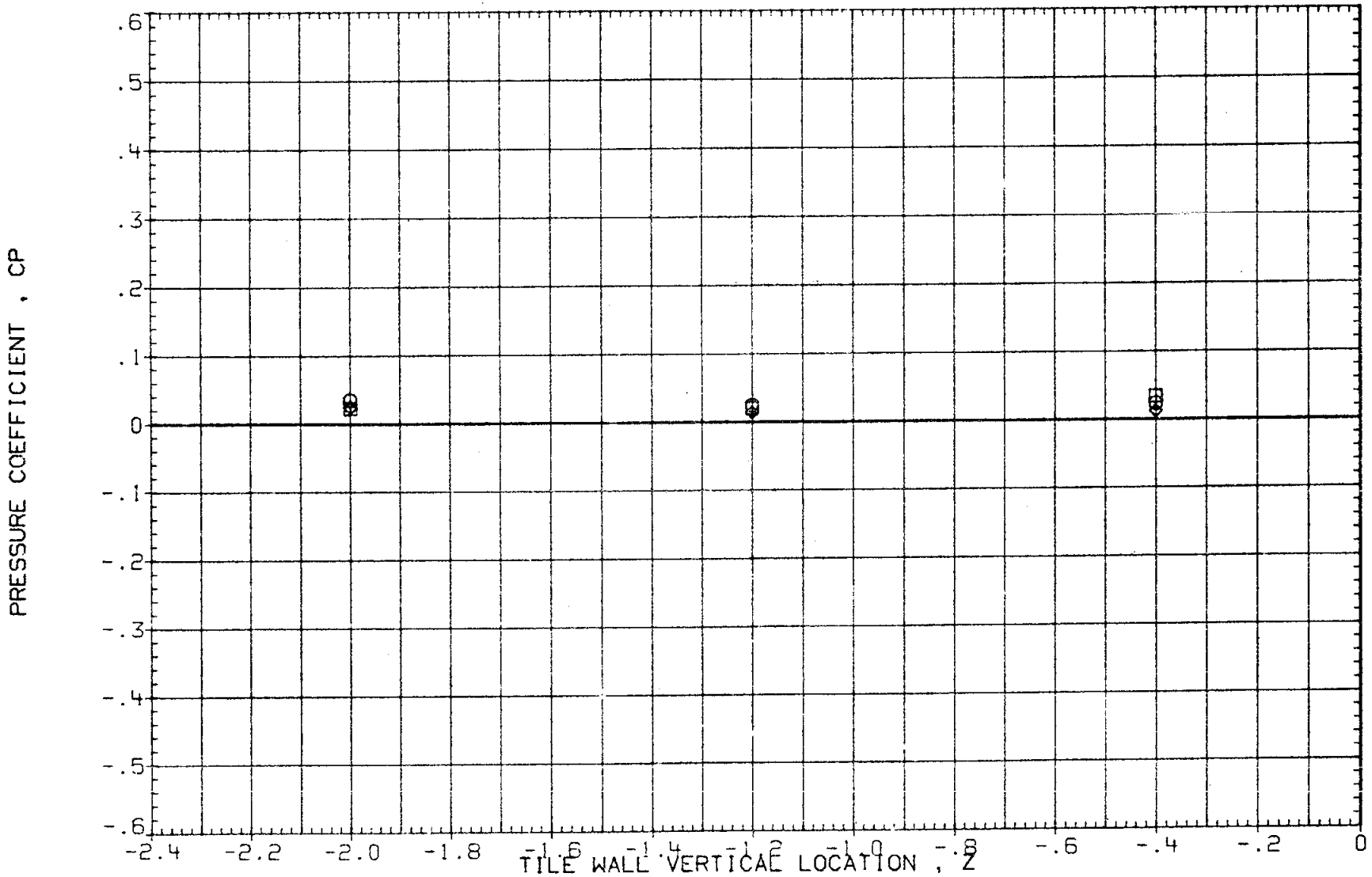


FIG. 49 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW17) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.513 | .899 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

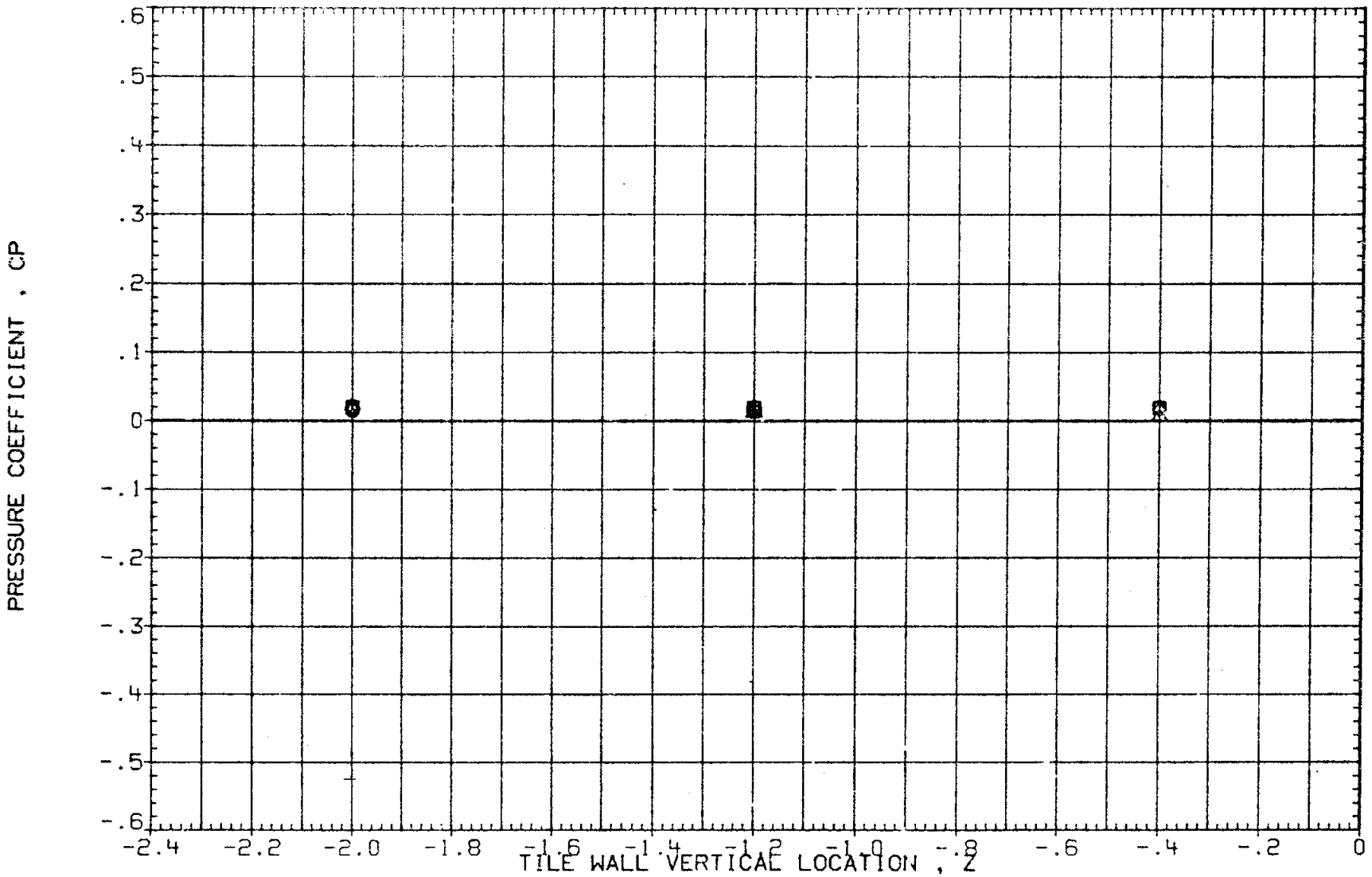


FIG. 49 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW17) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.513 | .898 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

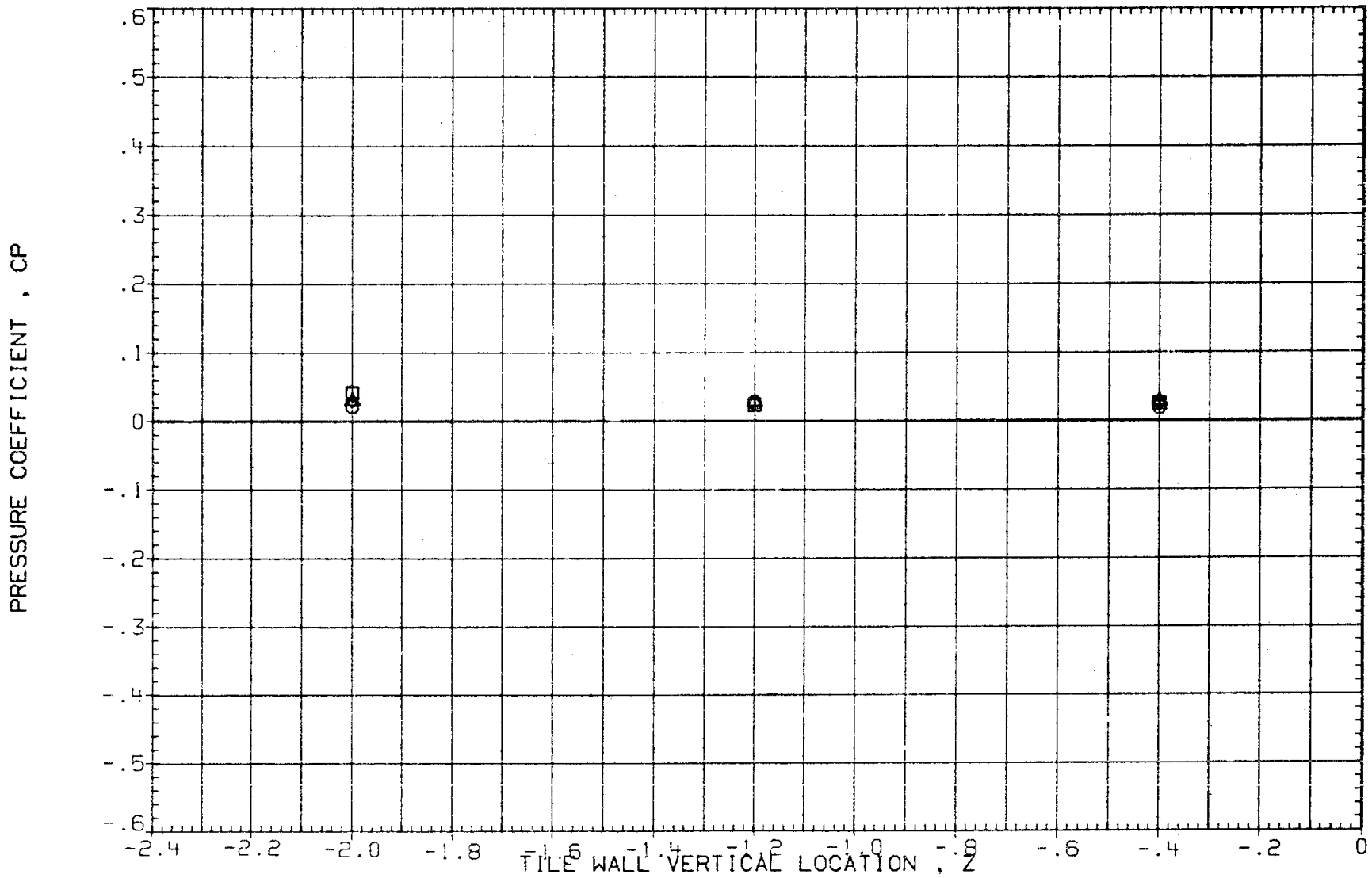


FIG. 49 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW17) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.513 | .898 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

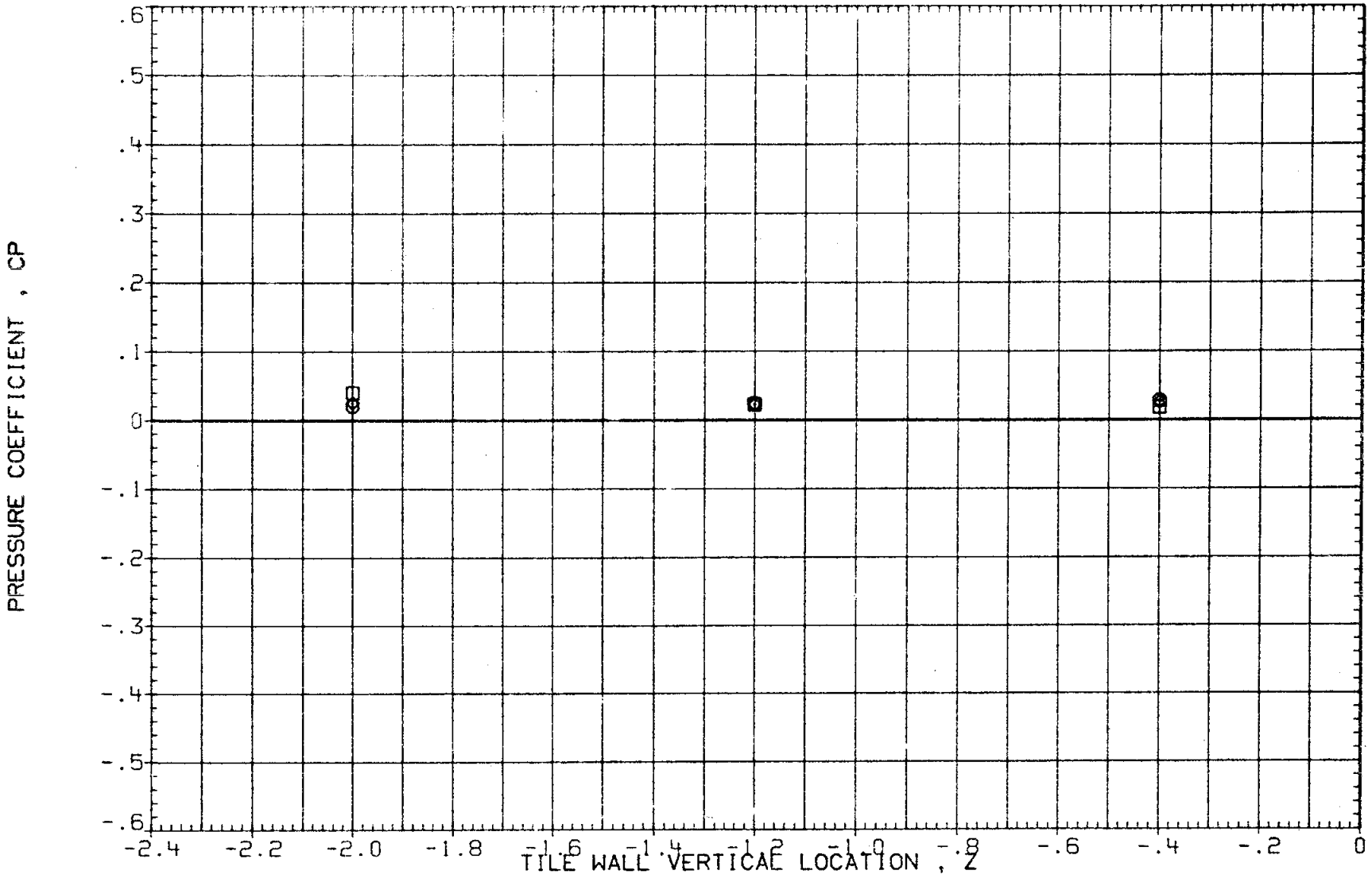


FIG. 49 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW17) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.513 | .898 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

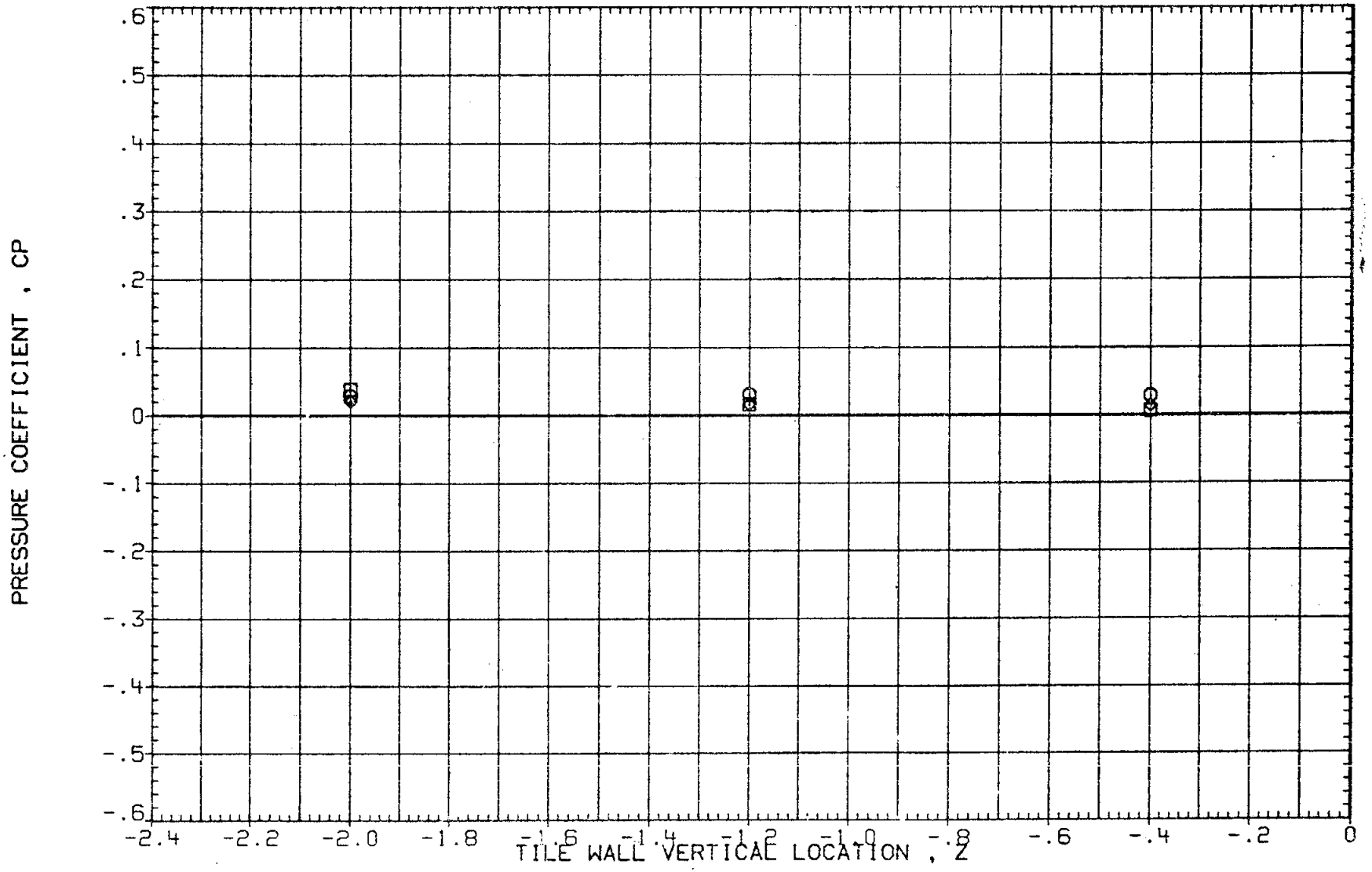


FIG. 49 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW17) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.513 | .898 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| ◁ | 31.000 | | |
| △ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

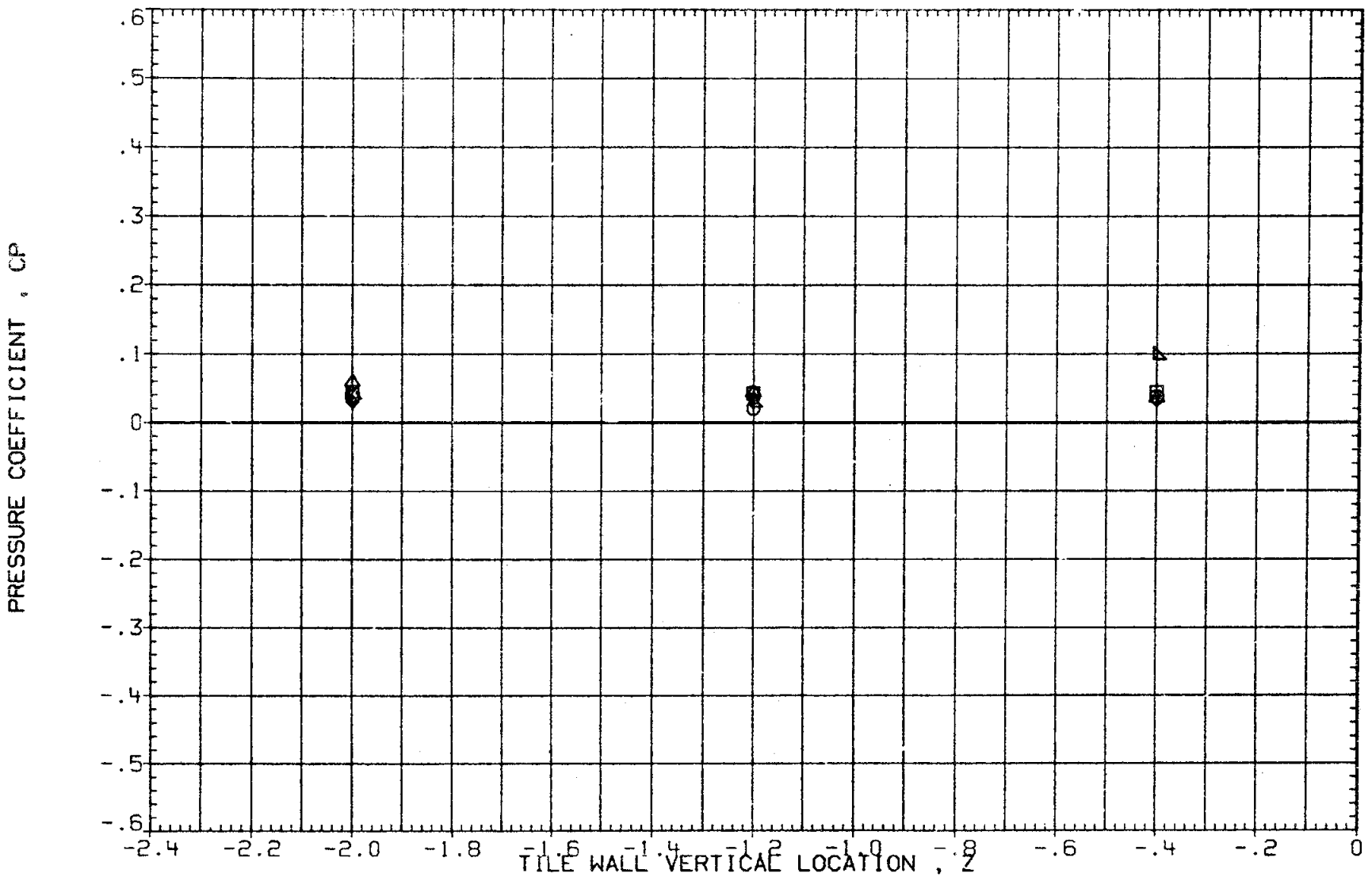


FIG. 49 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW31) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.506 | .902 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ◺ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

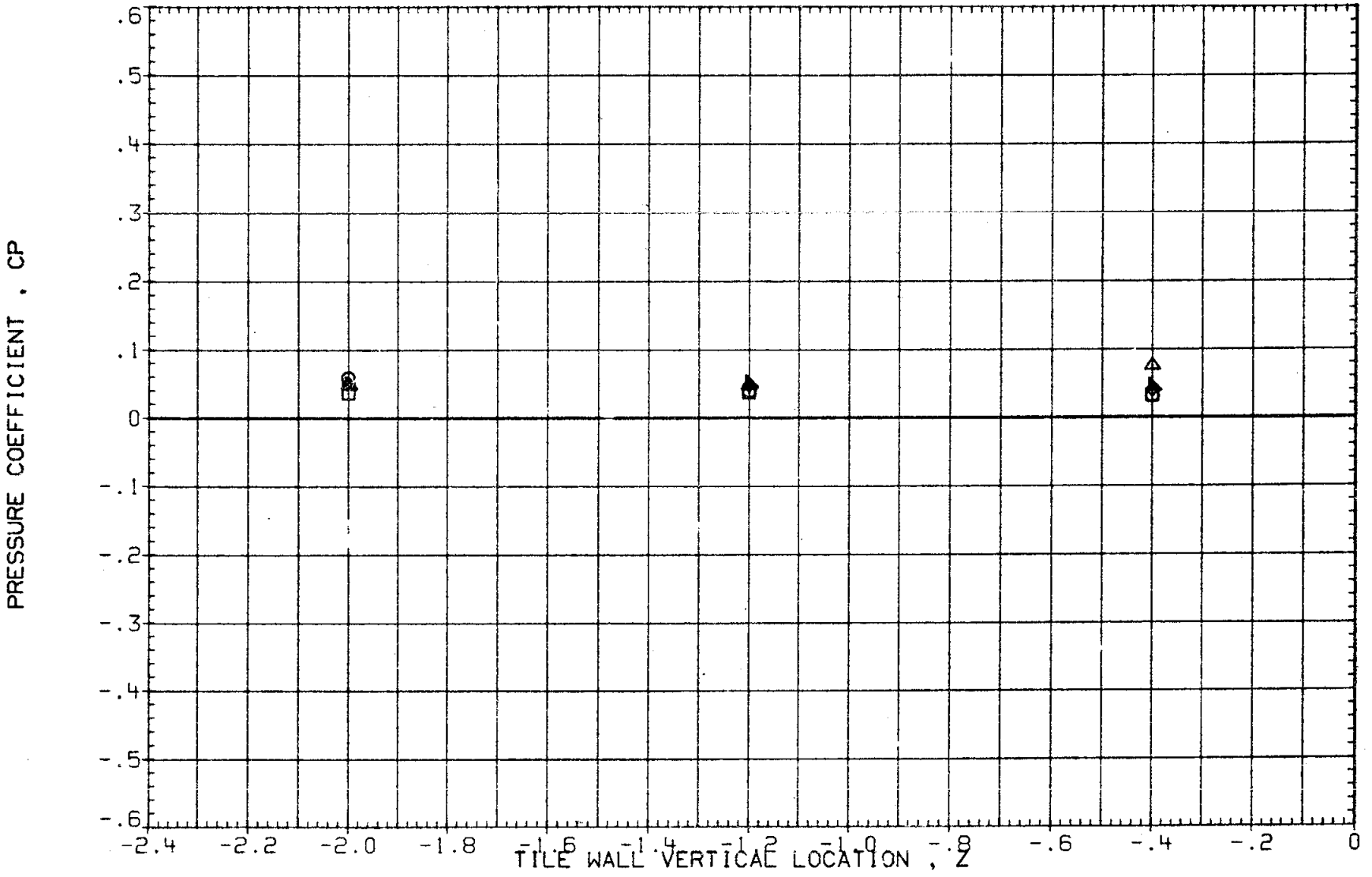


FIG. 50 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW31) OA-252 ( P90+S : TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.506 | .902 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

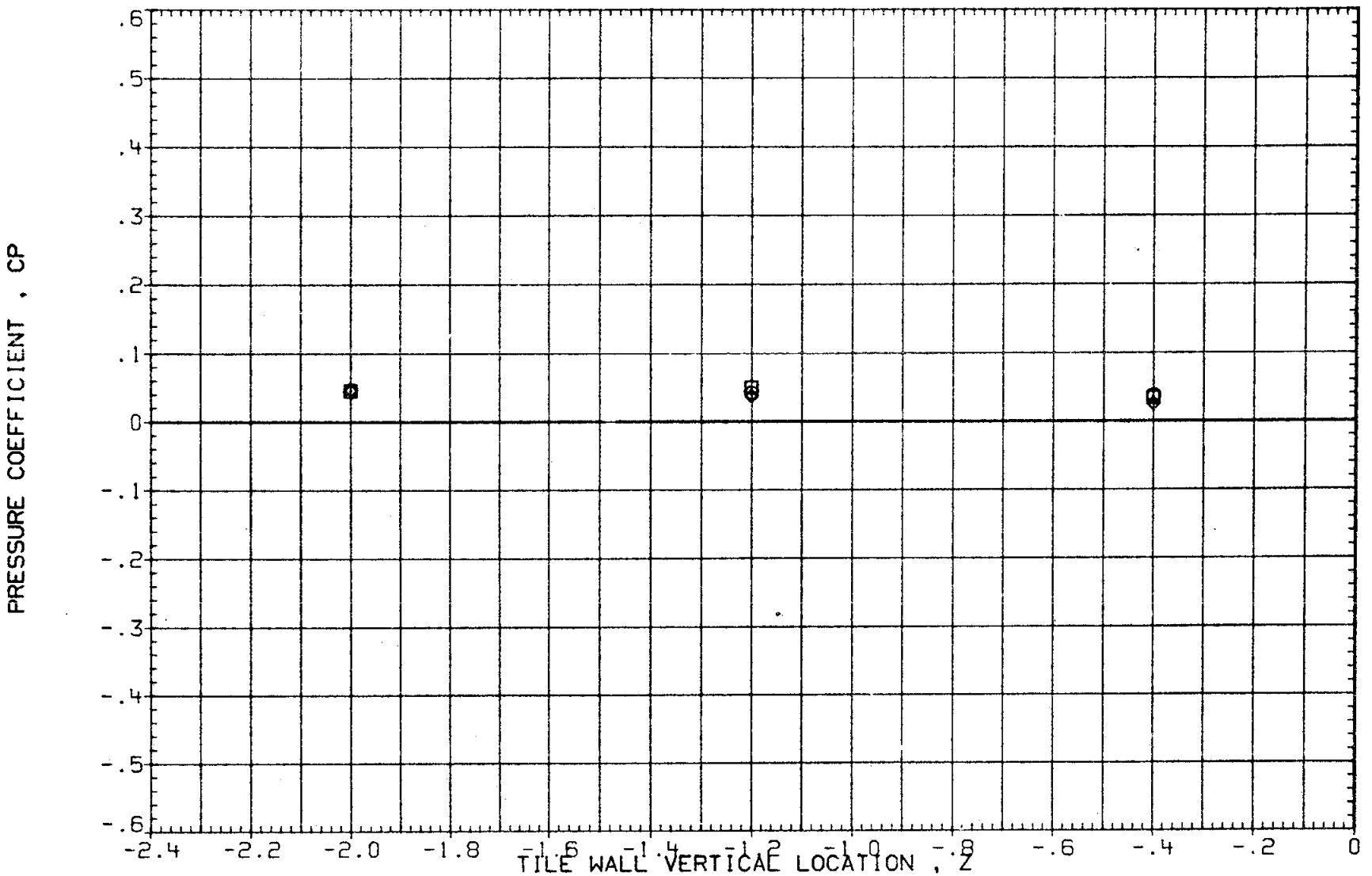


FIG. 50 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW31) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.506 | .902 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

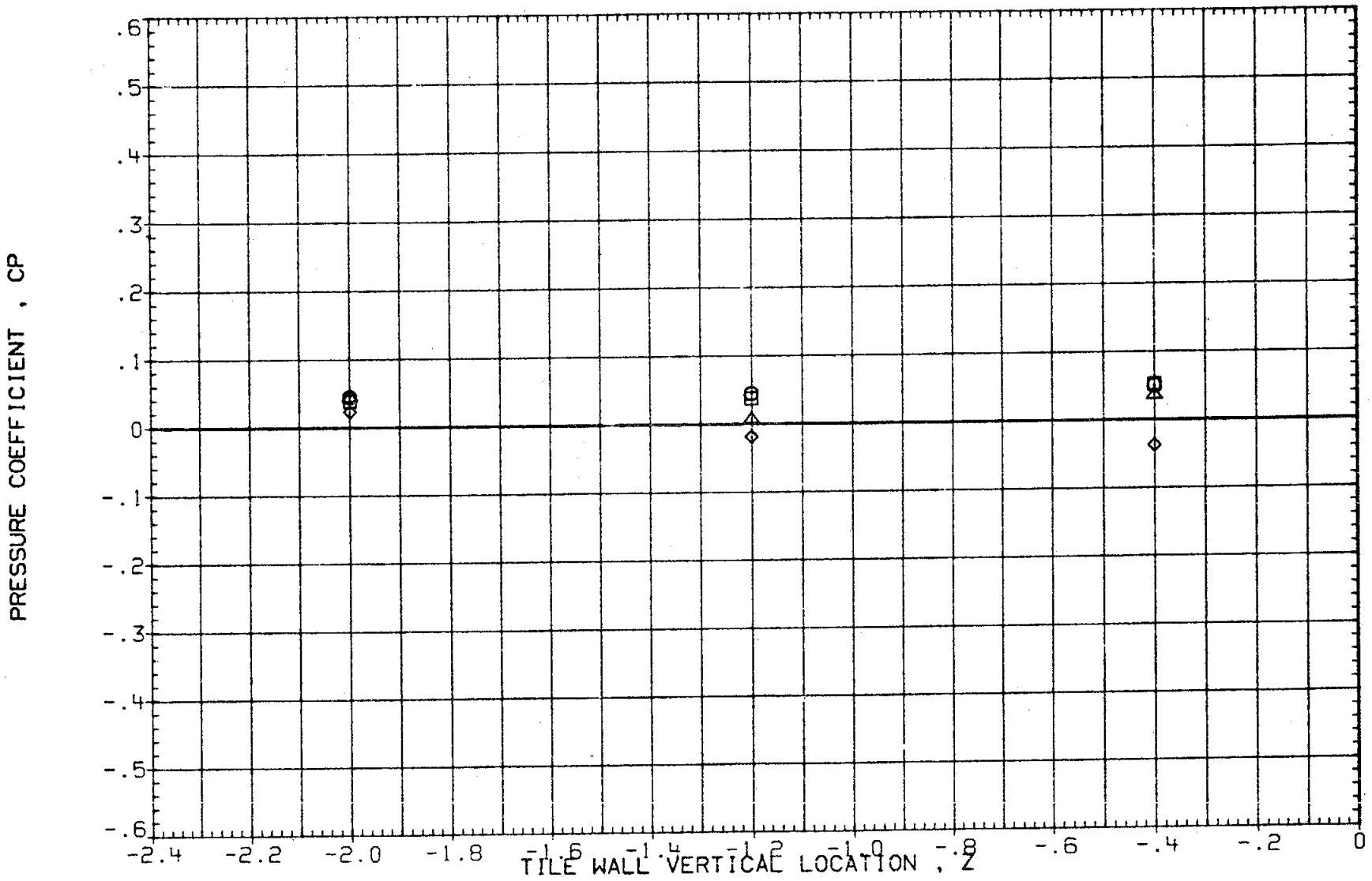


FIG. 50 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW31) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.506 | .902 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

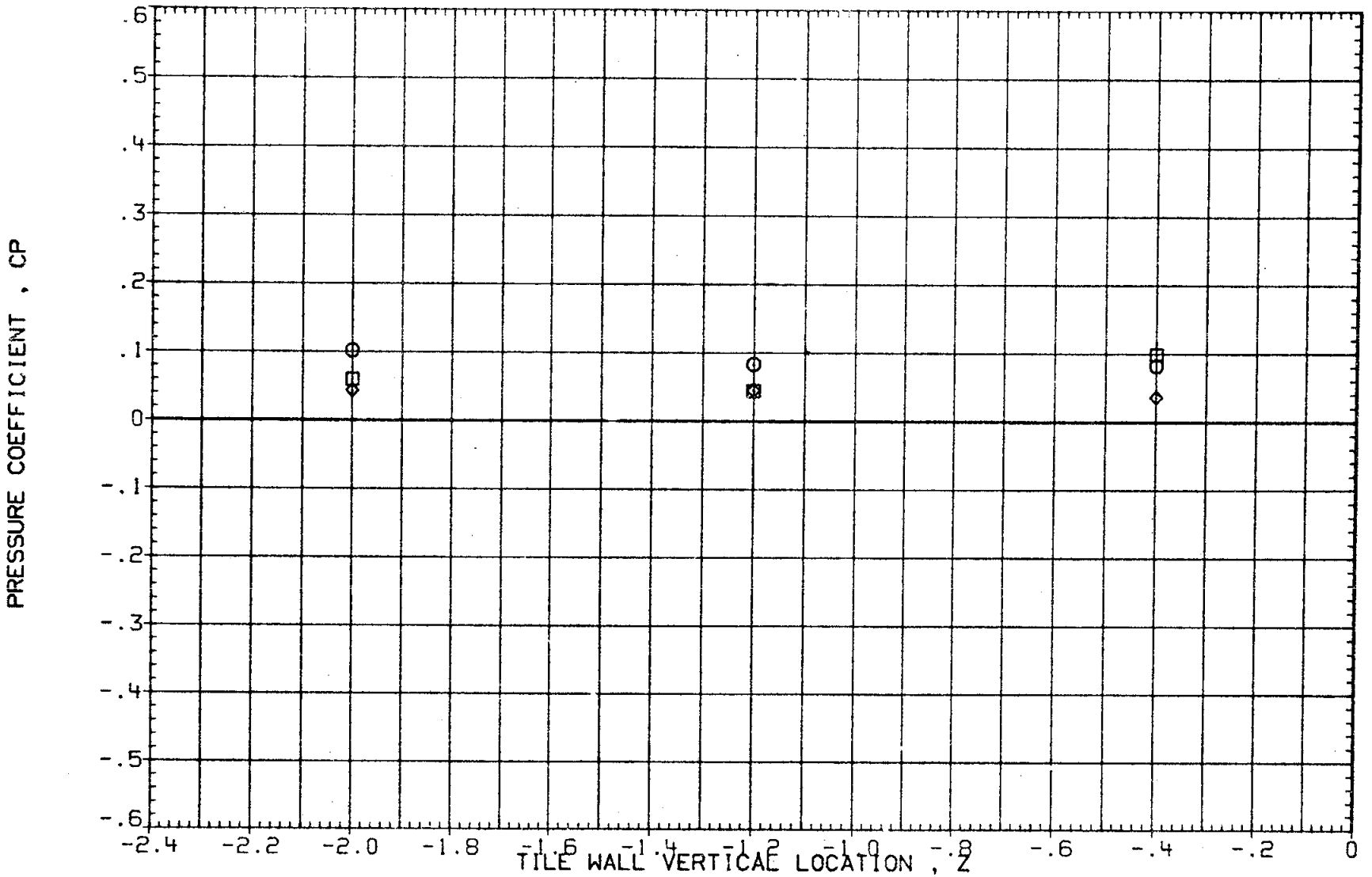


FIG. 50 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW31) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.506 | .902 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

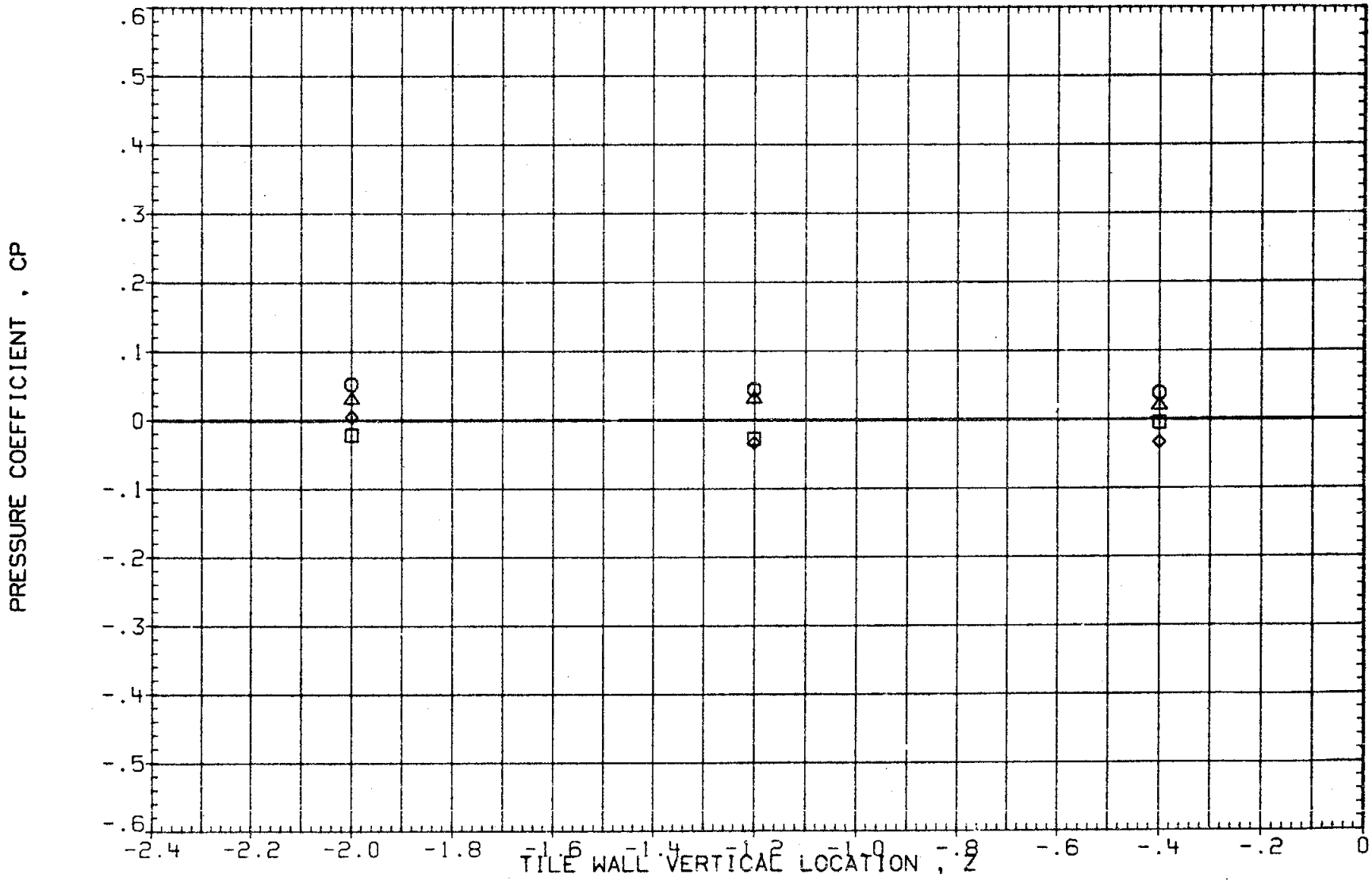


FIG. 50 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW31) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.506 | .902 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

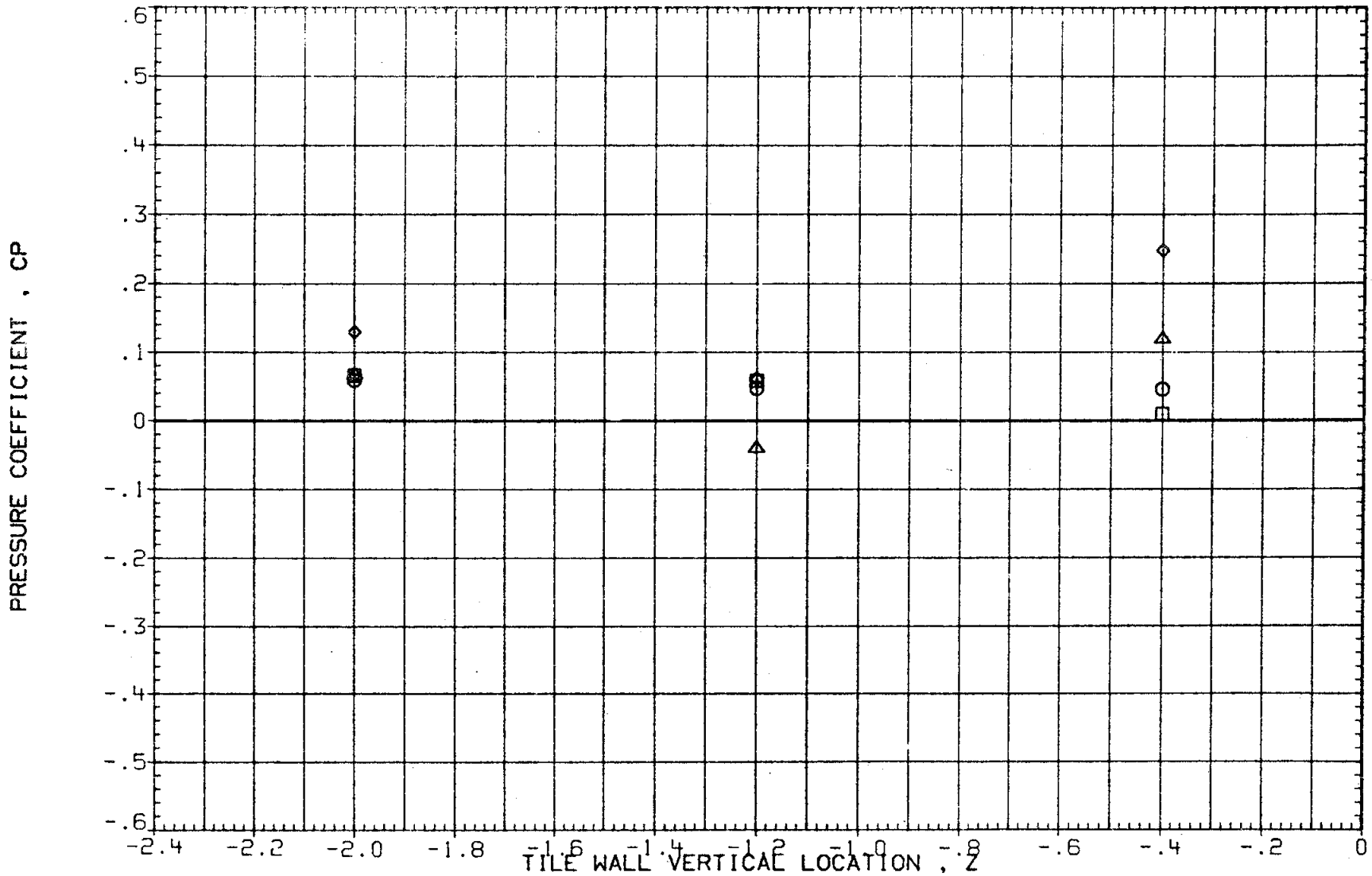


FIG. 50 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW31) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.506 | .902 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

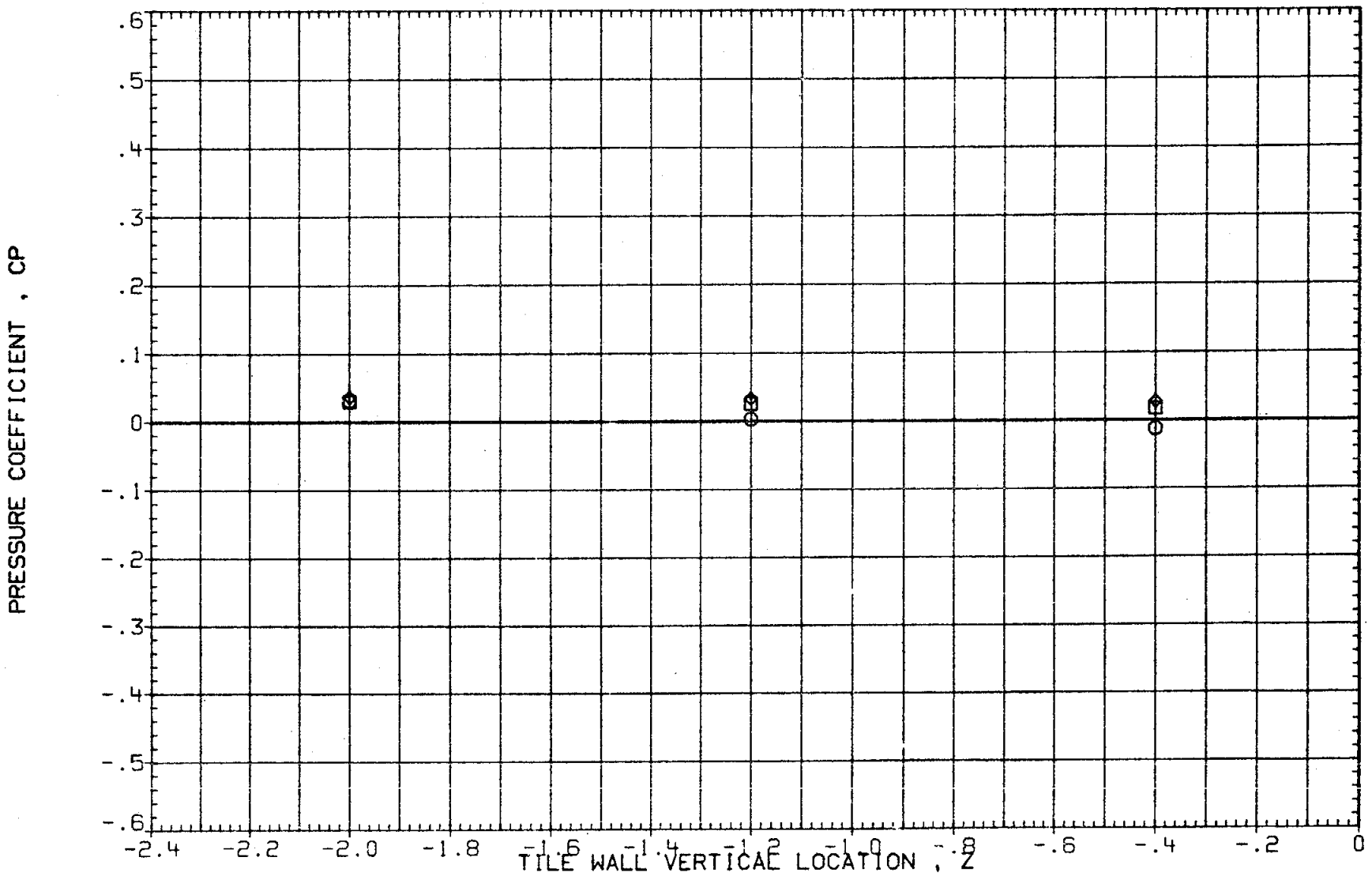


FIG. 50 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW31) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH. |
|---|---|---|---|
| ○ | 27.000 | 4.506 | .902 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

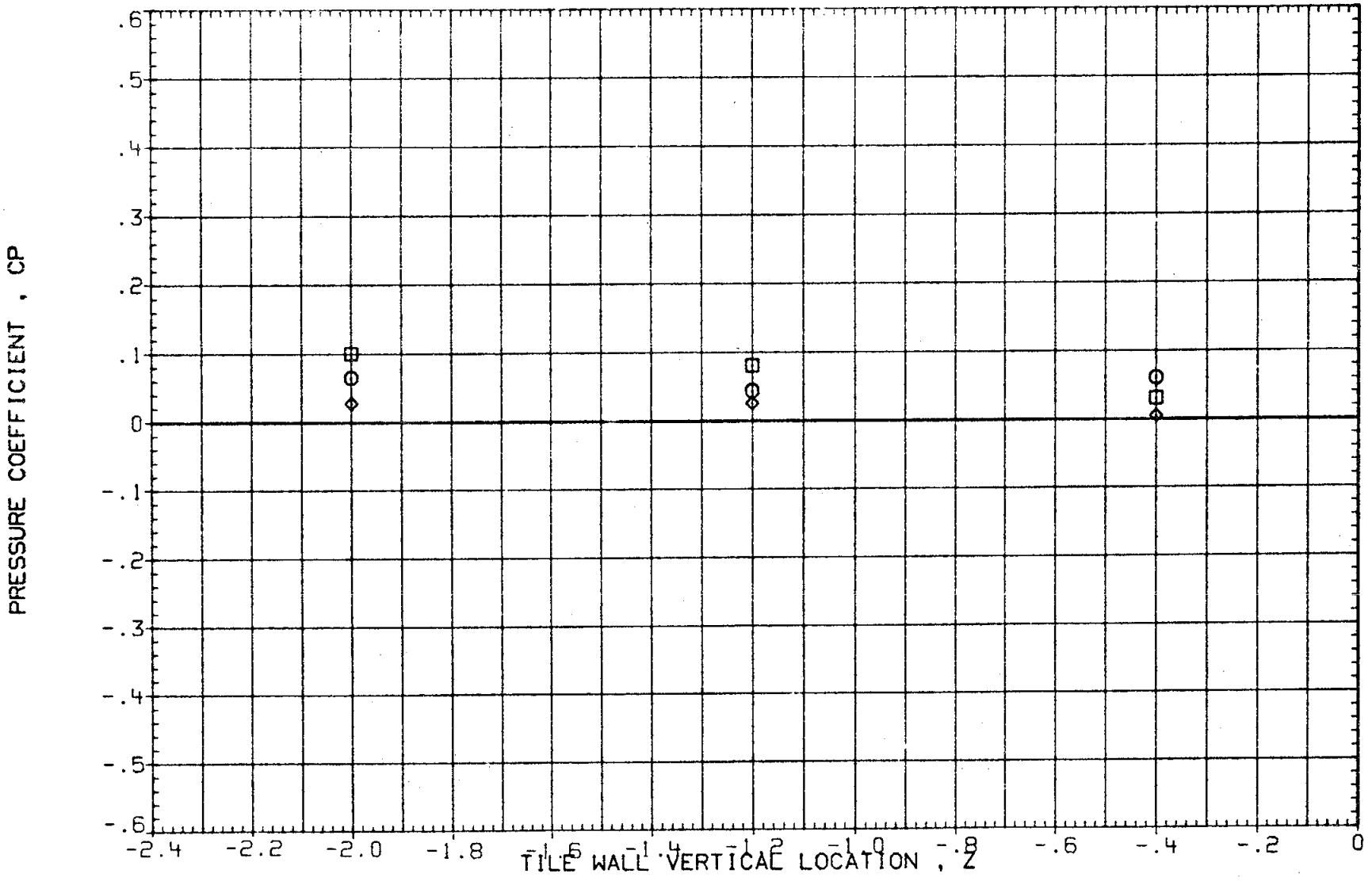


FIG. 50 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW31) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.506 | .902 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ▷ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

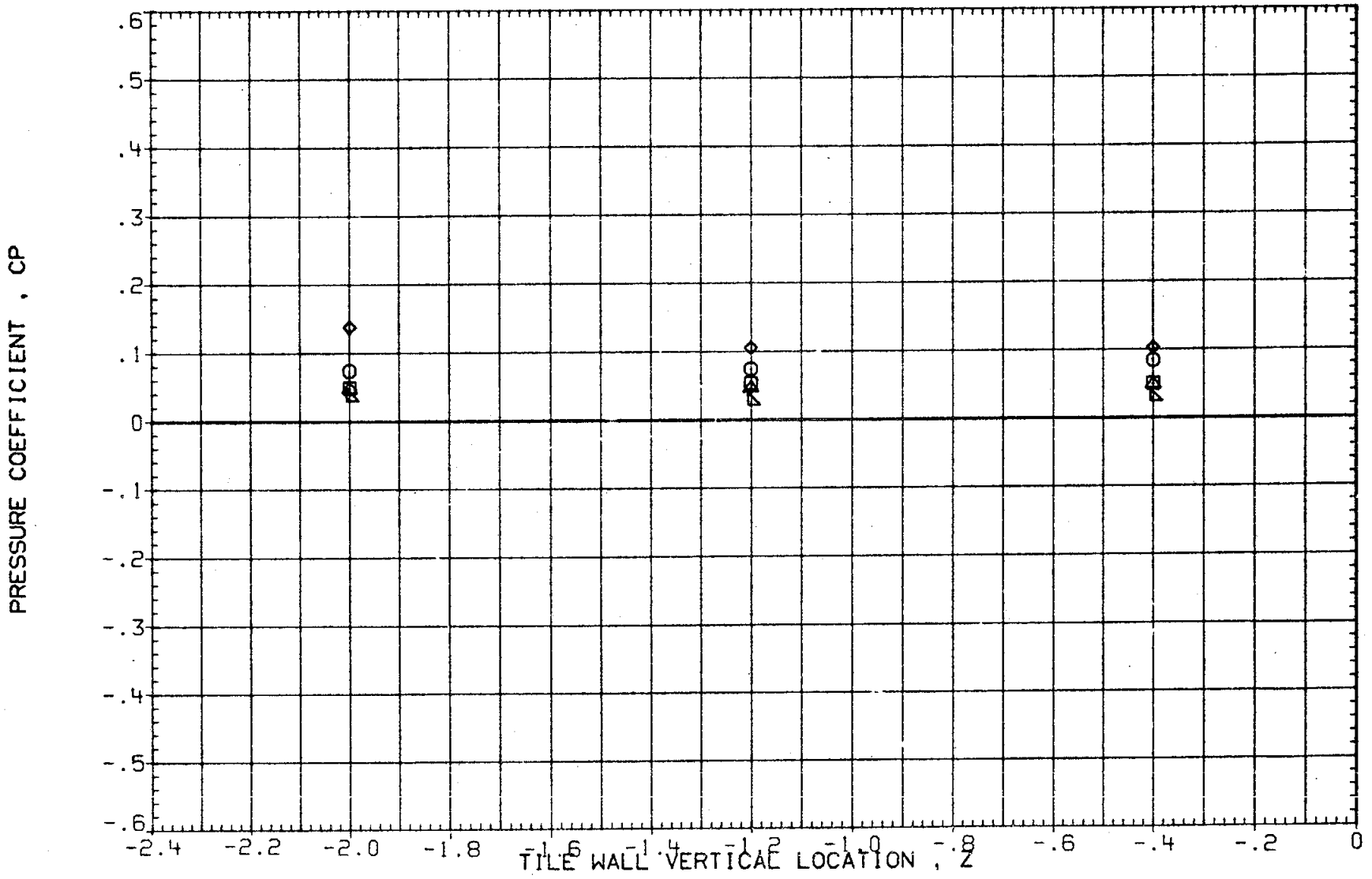


FIG. 50 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW38) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.487 | .897 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ◺ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

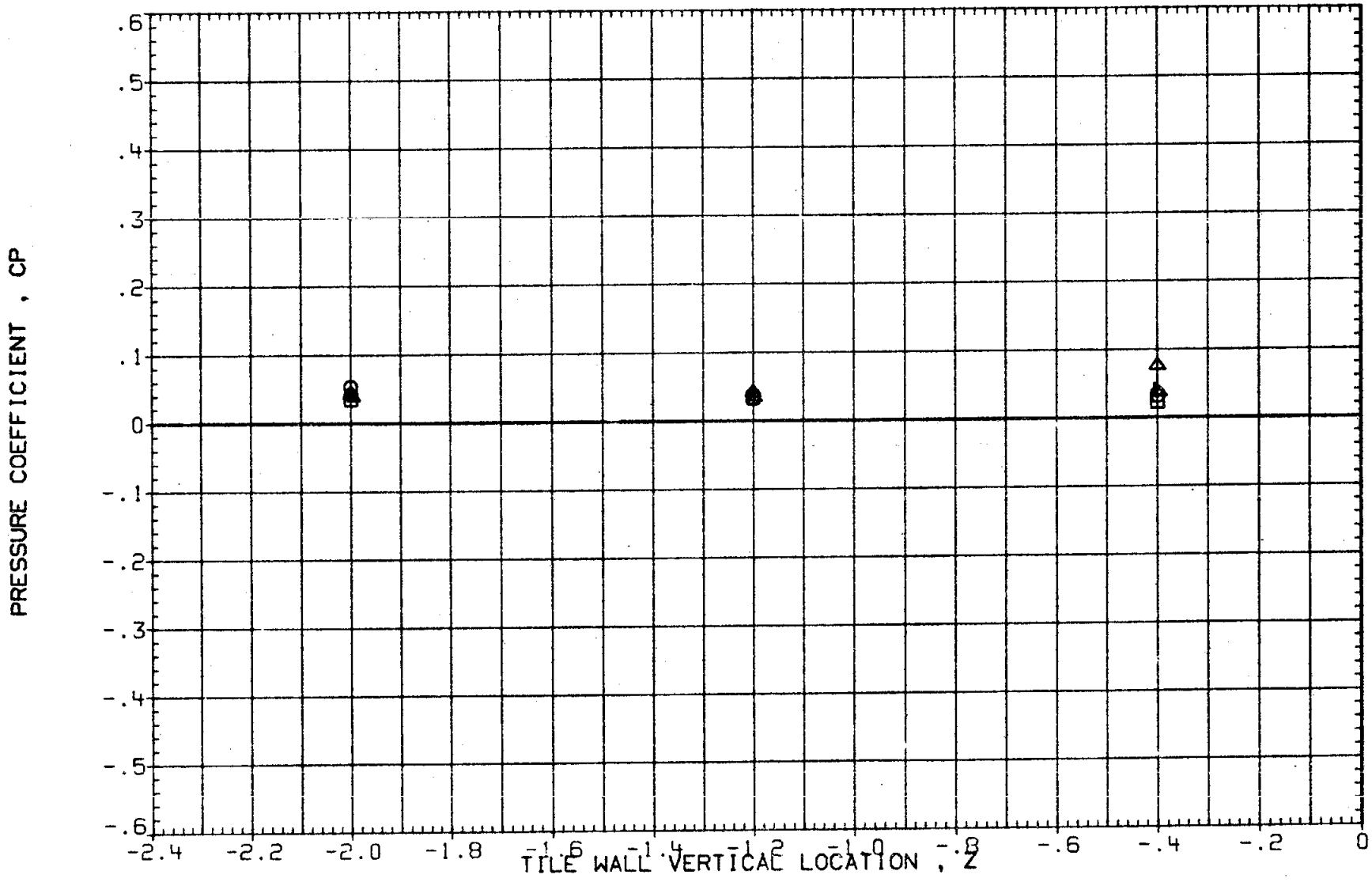


FIG. 51 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW38) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.487 | .897 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

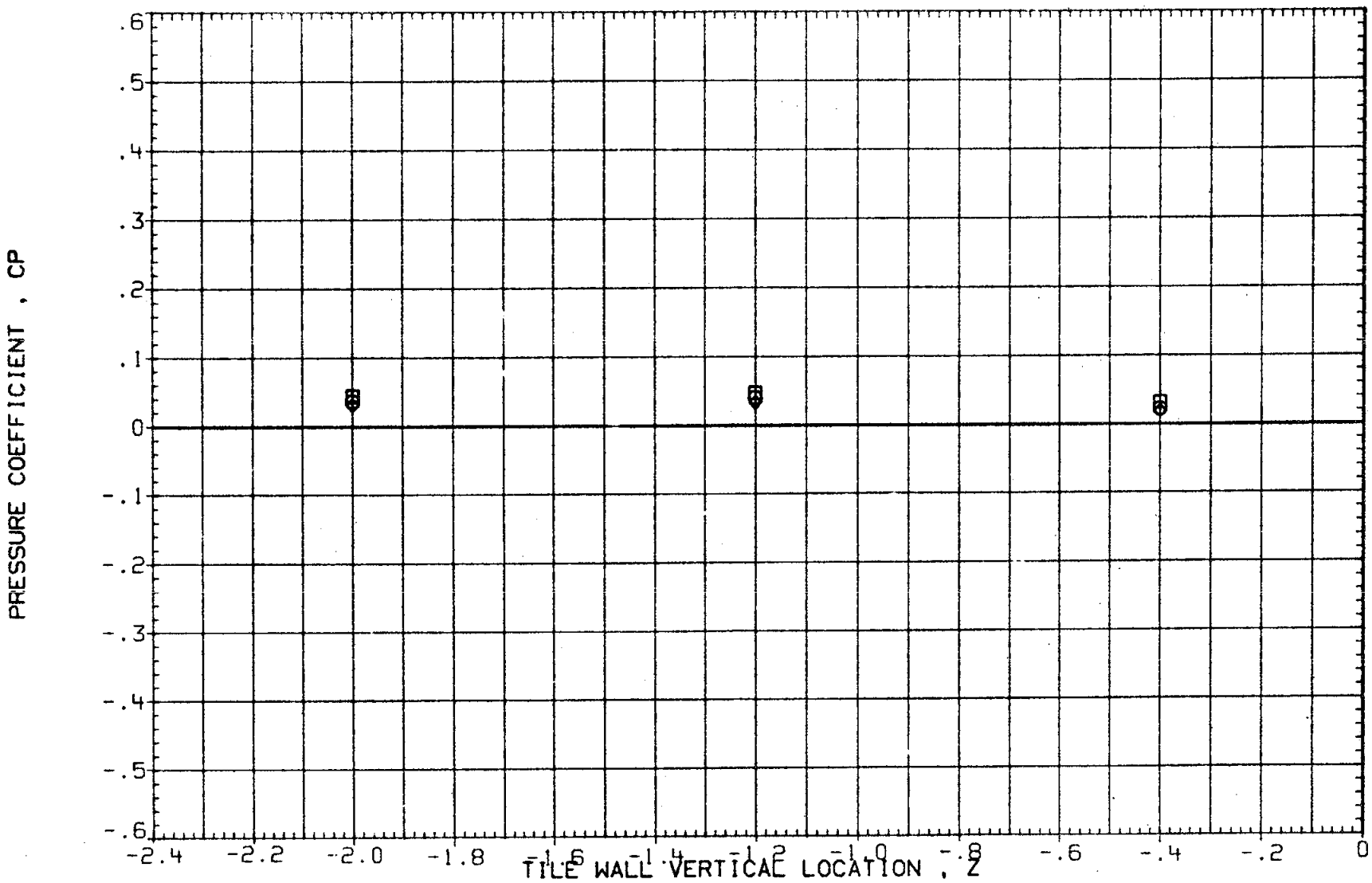


FIG. 51 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW38) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.487 | .897 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

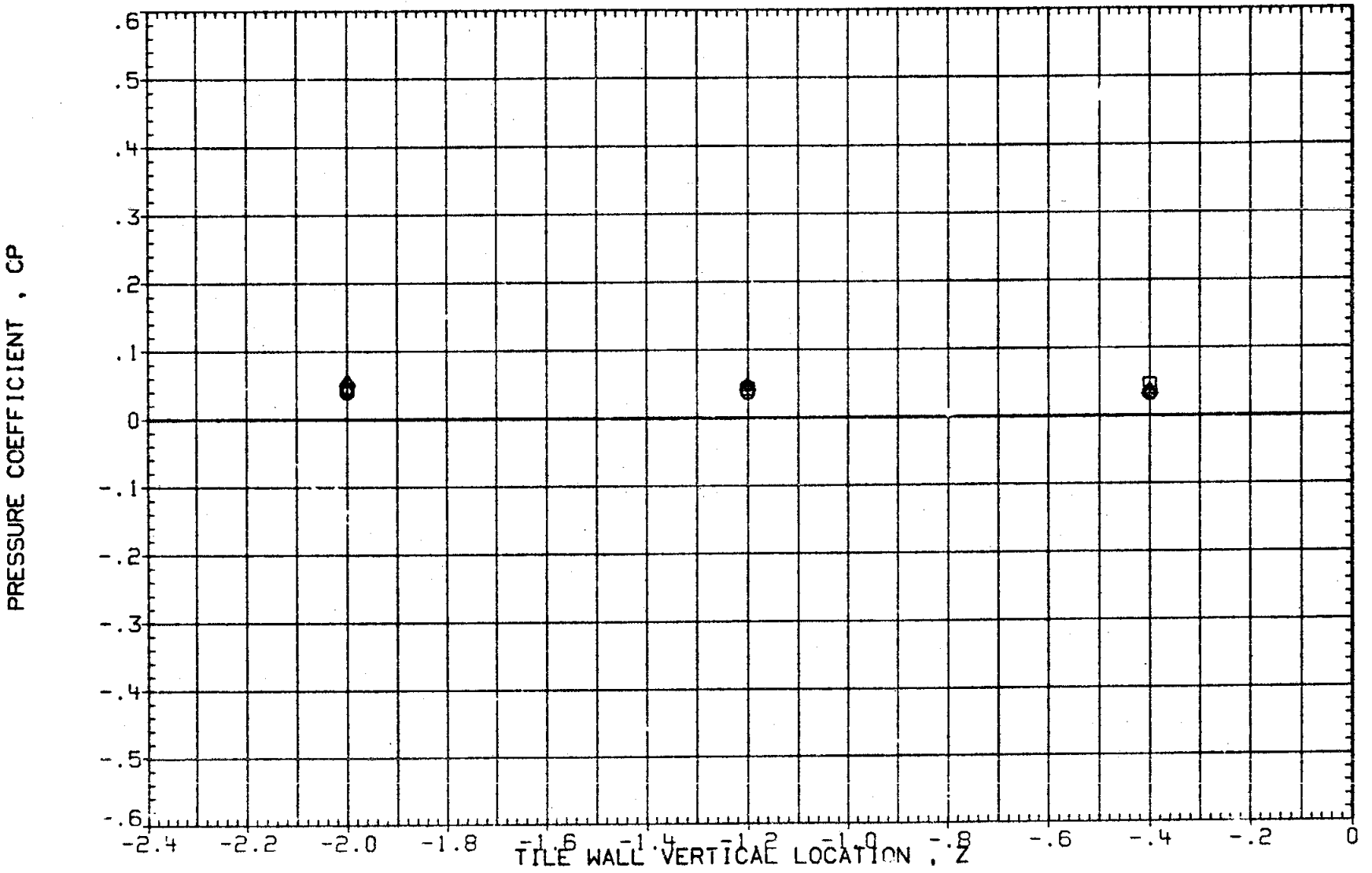


FIG. 51 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW38) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | PCS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.487 | .897 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

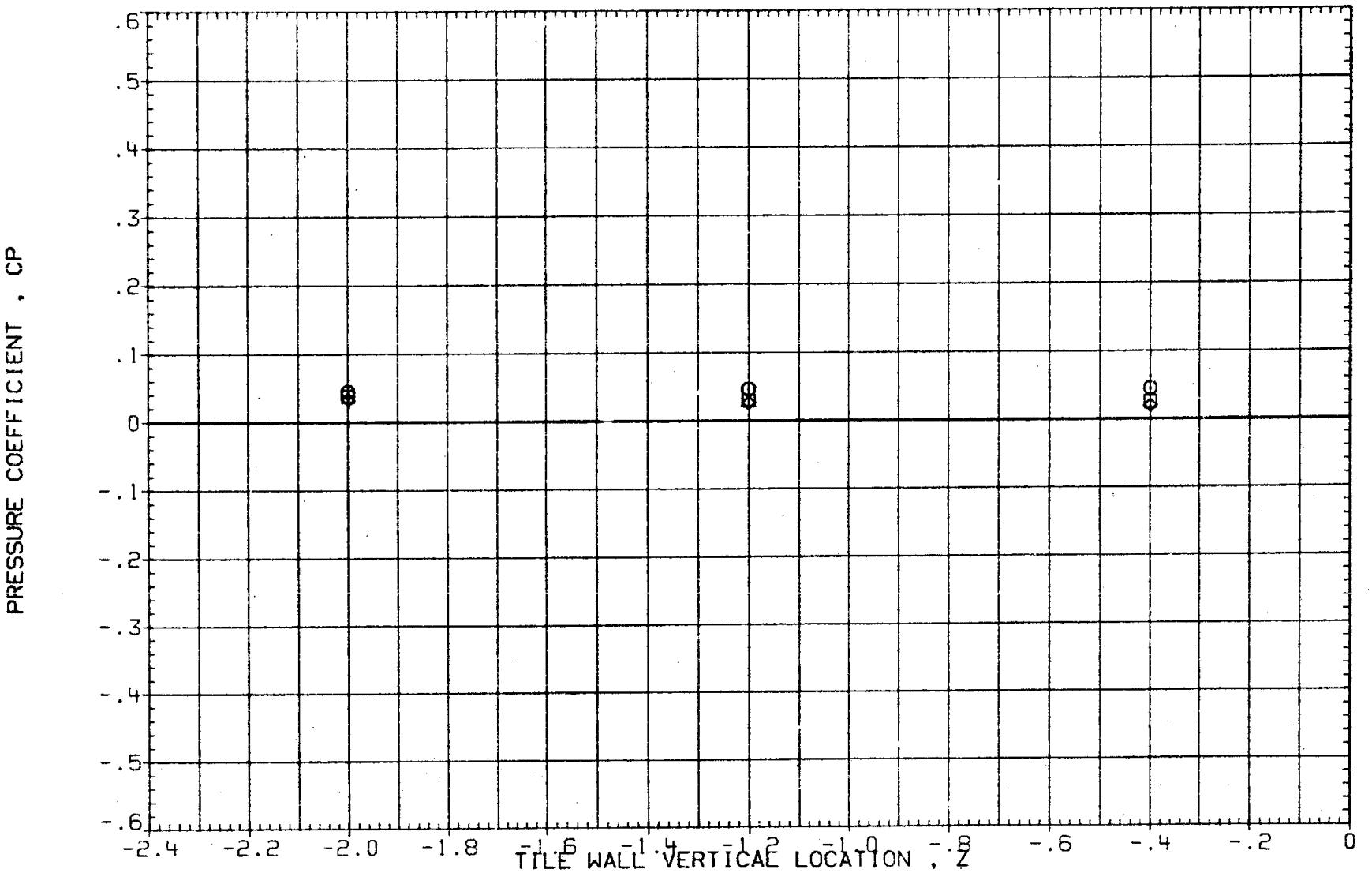


FIG. 51 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW38) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.487 | .897 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

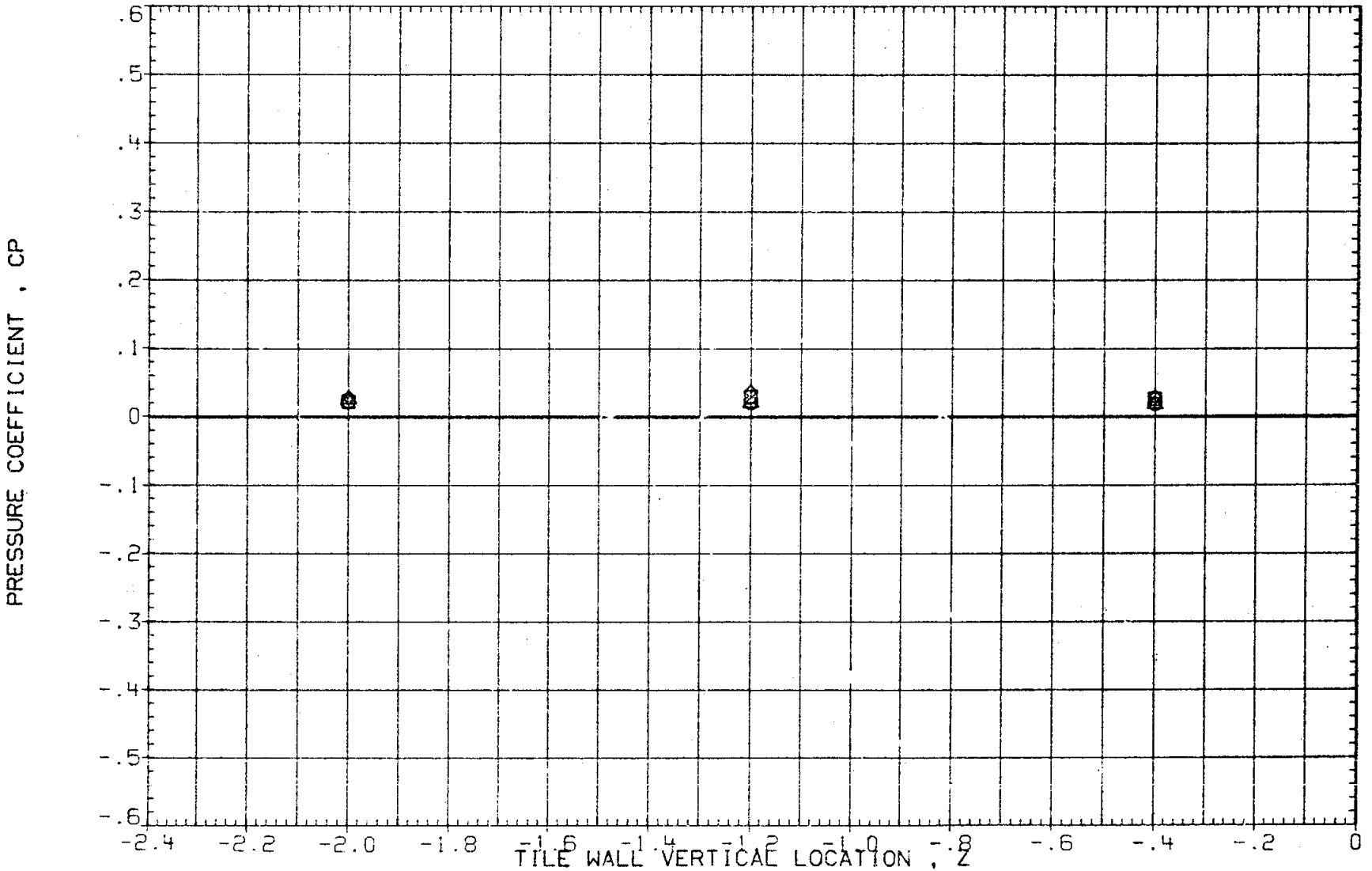


FIG. 51 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW38) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.487 | .897 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

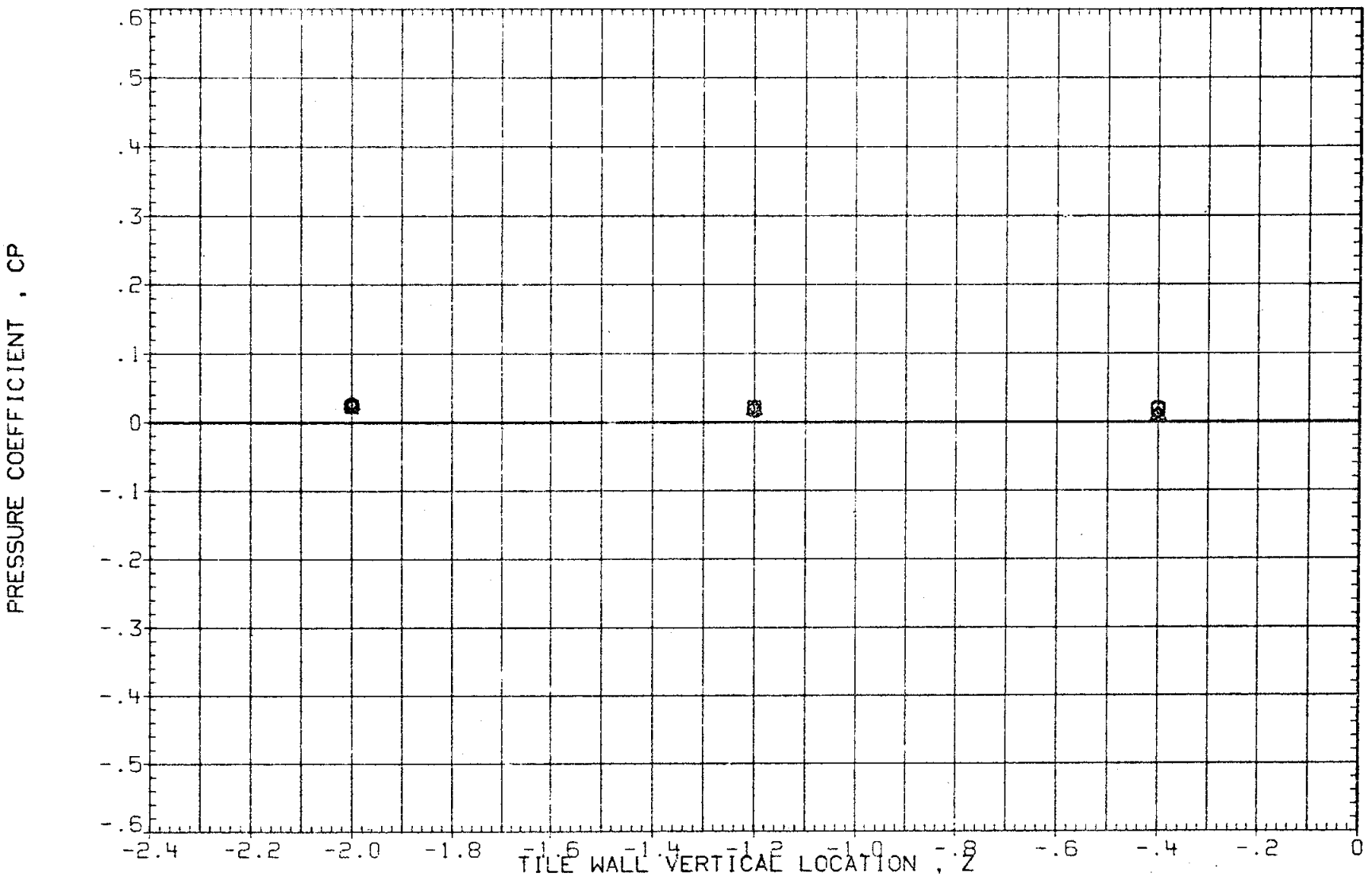


FIG. 51 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW38) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.487 | .897 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

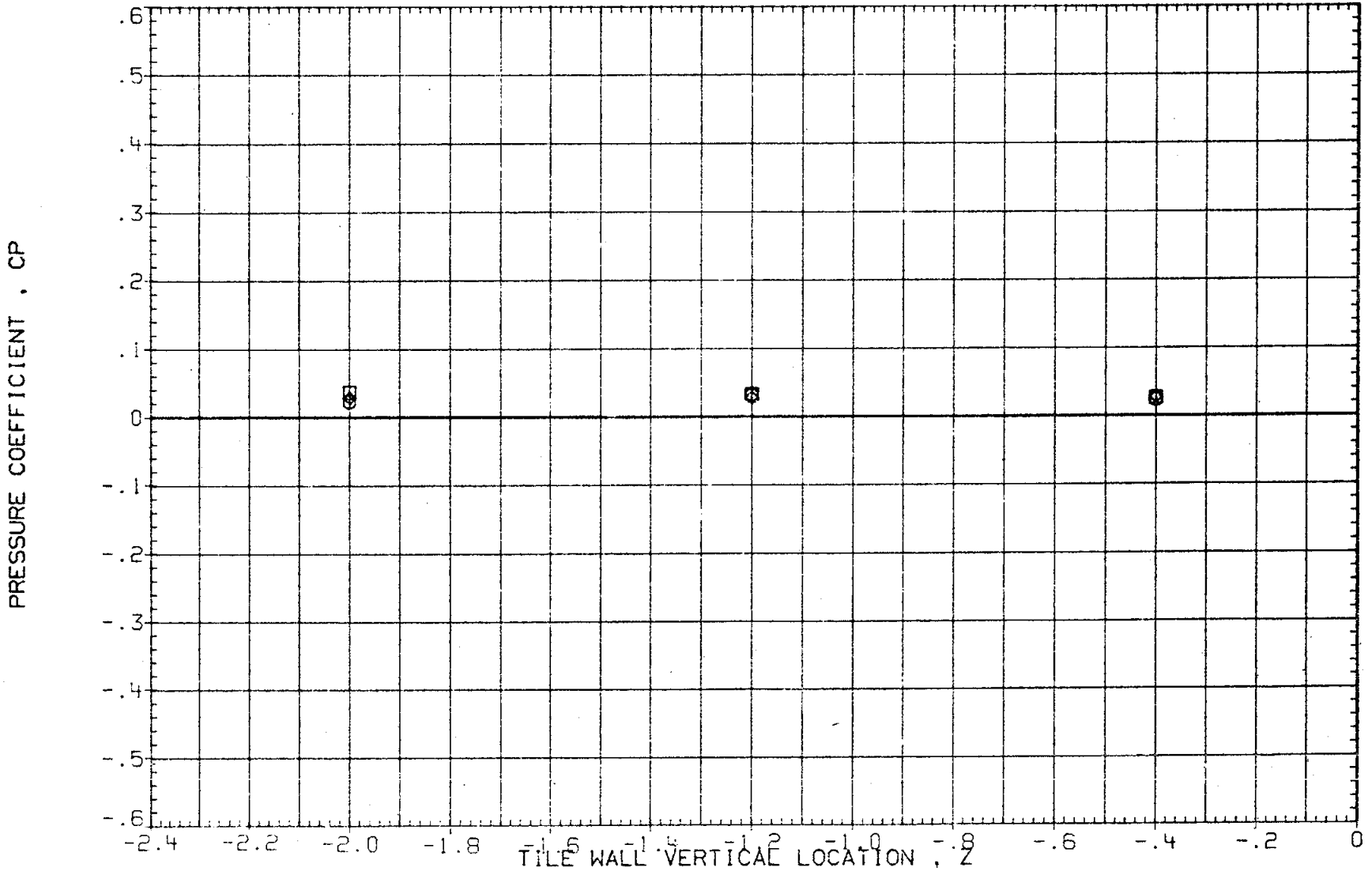


FIG. 51 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW38) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.487 | .897 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

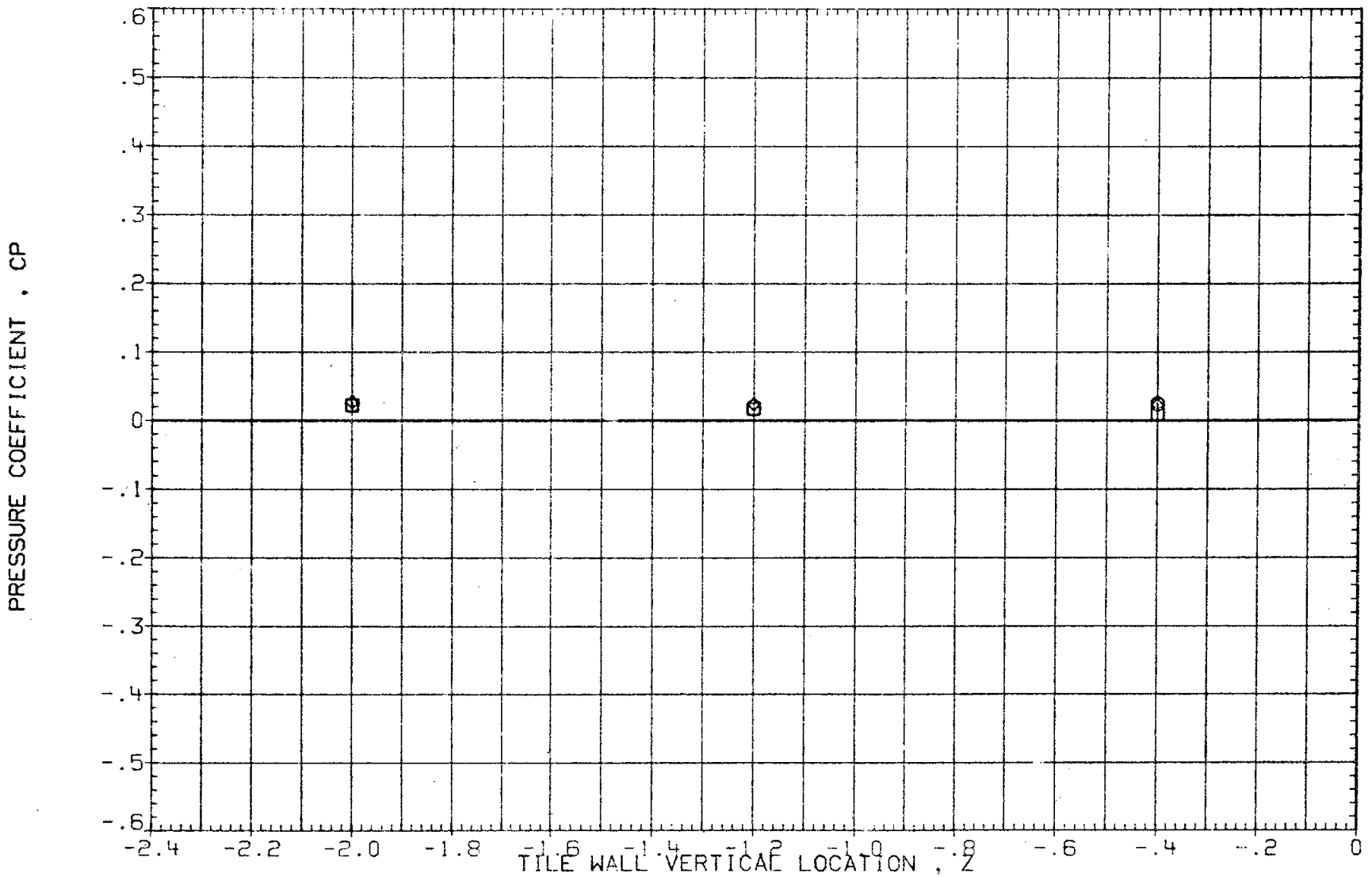


FIG. 51 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW38) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.487 | .897 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ◁ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

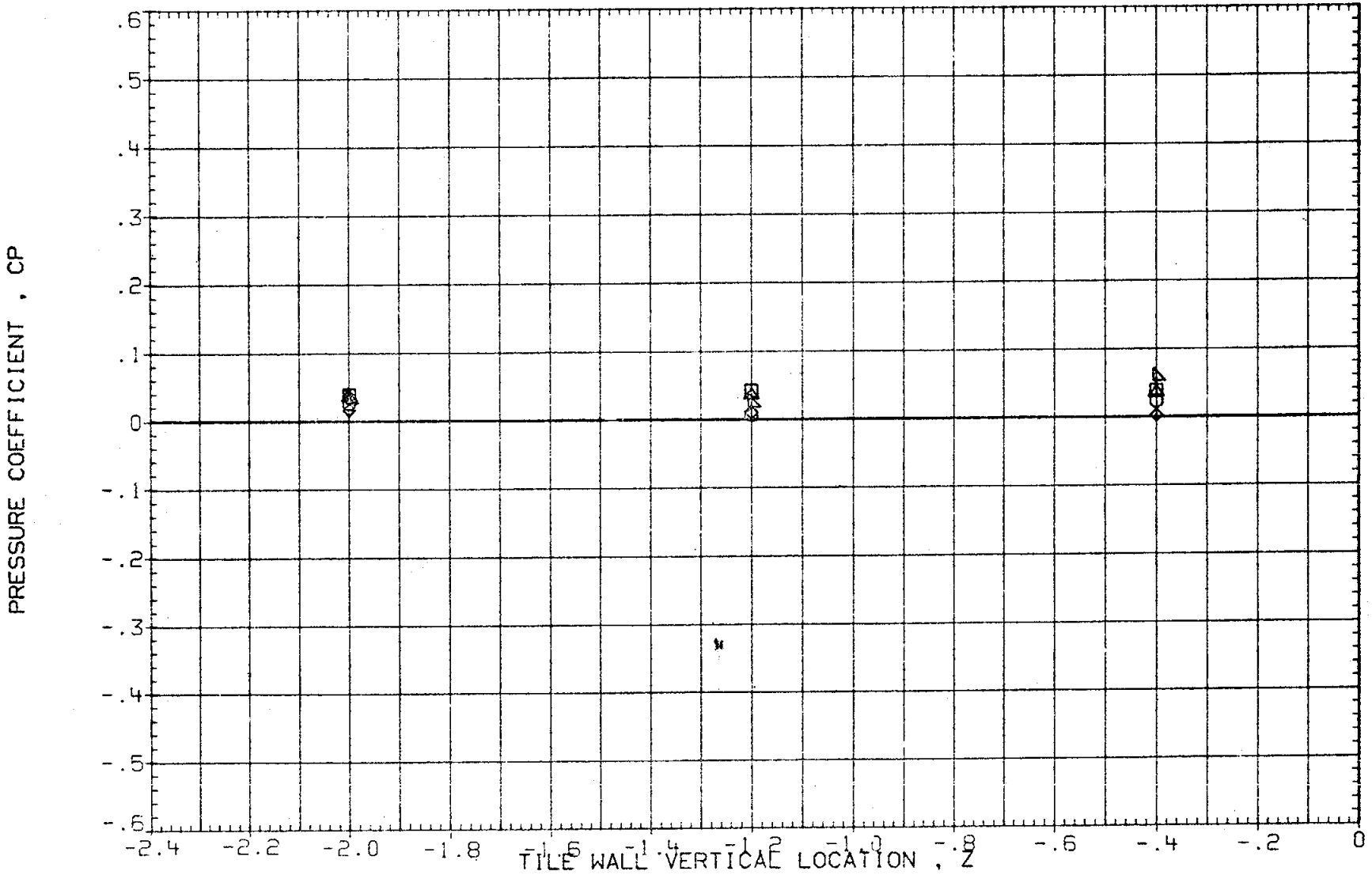


FIG. 51 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW10) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.422 | .900 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ◁ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

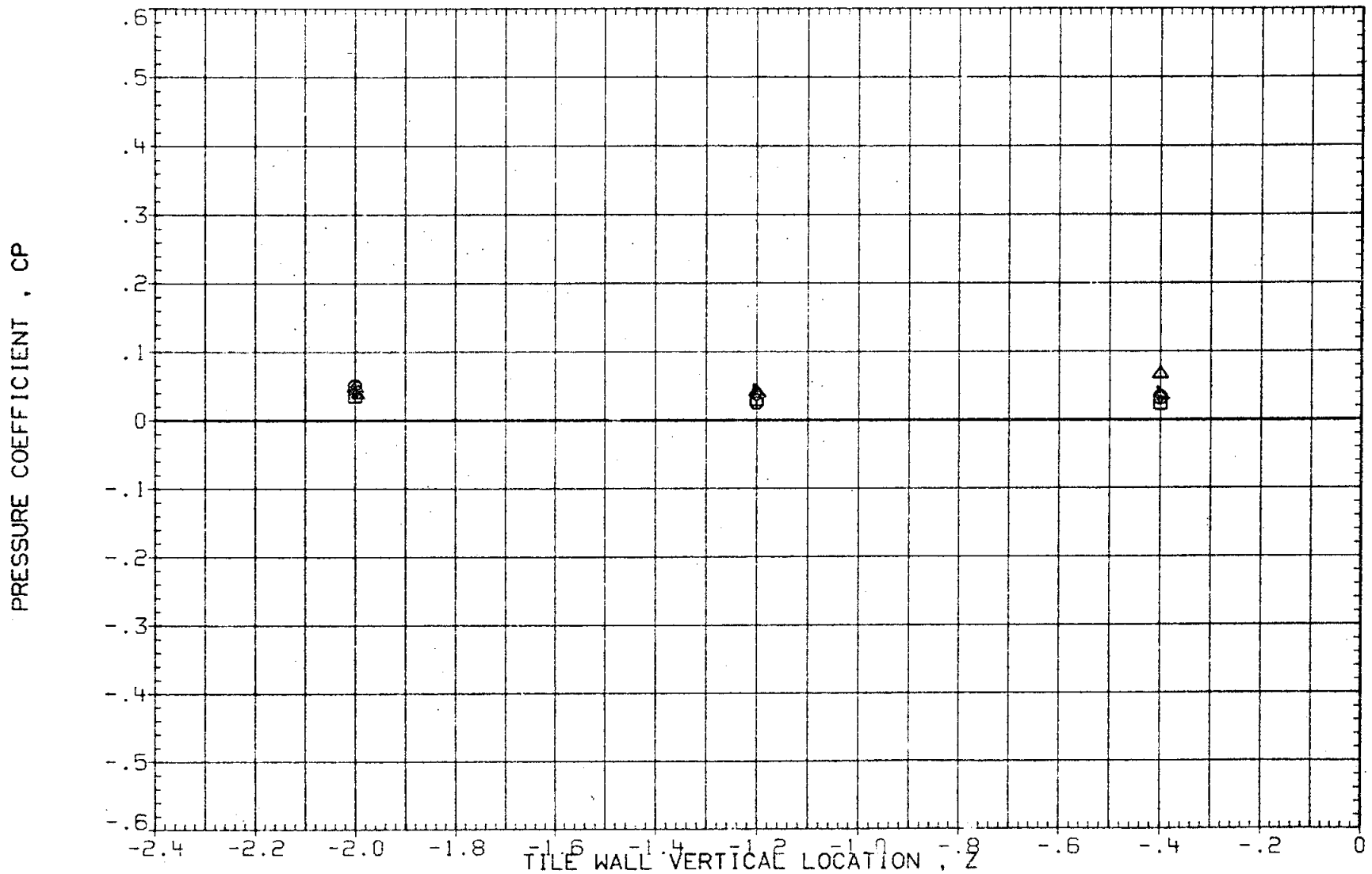


FIG. 52 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW10) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH. |
|---|---|---|---|
| ○ | 6.000 | 4.422 | .900 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

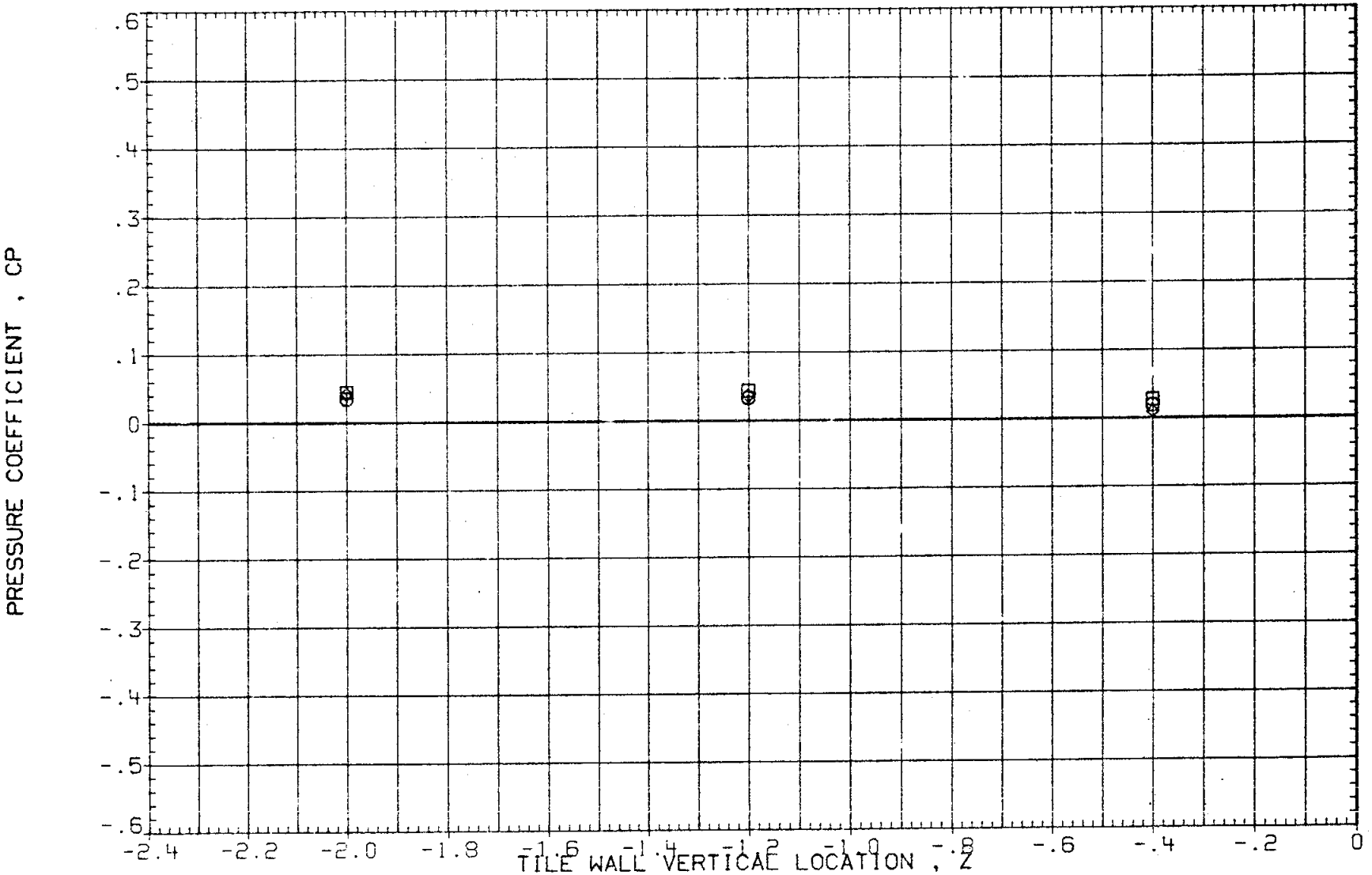


FIG. 52 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW10) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.422 | .900 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

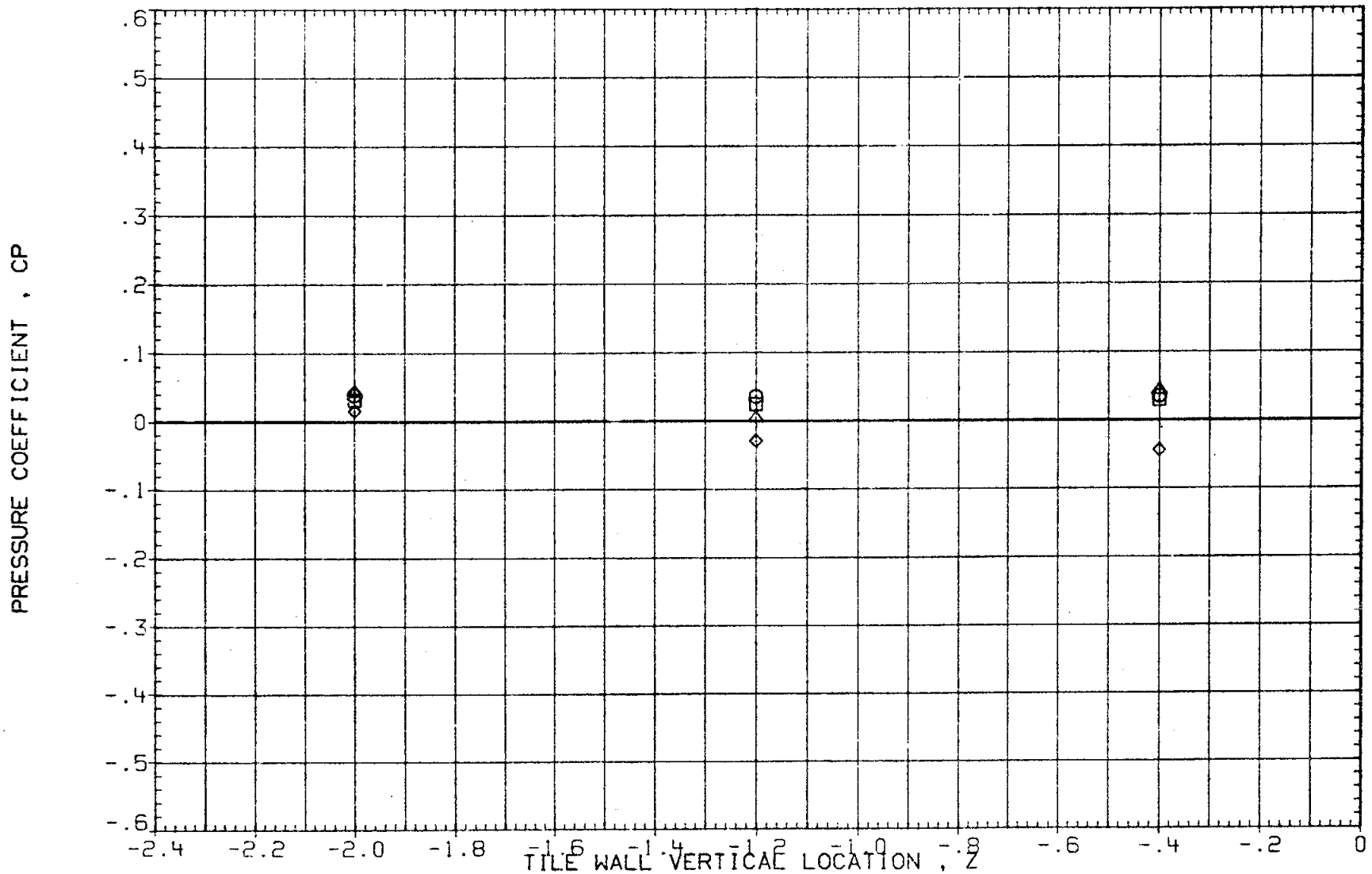


FIG. 52 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW10) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.422 | .900 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

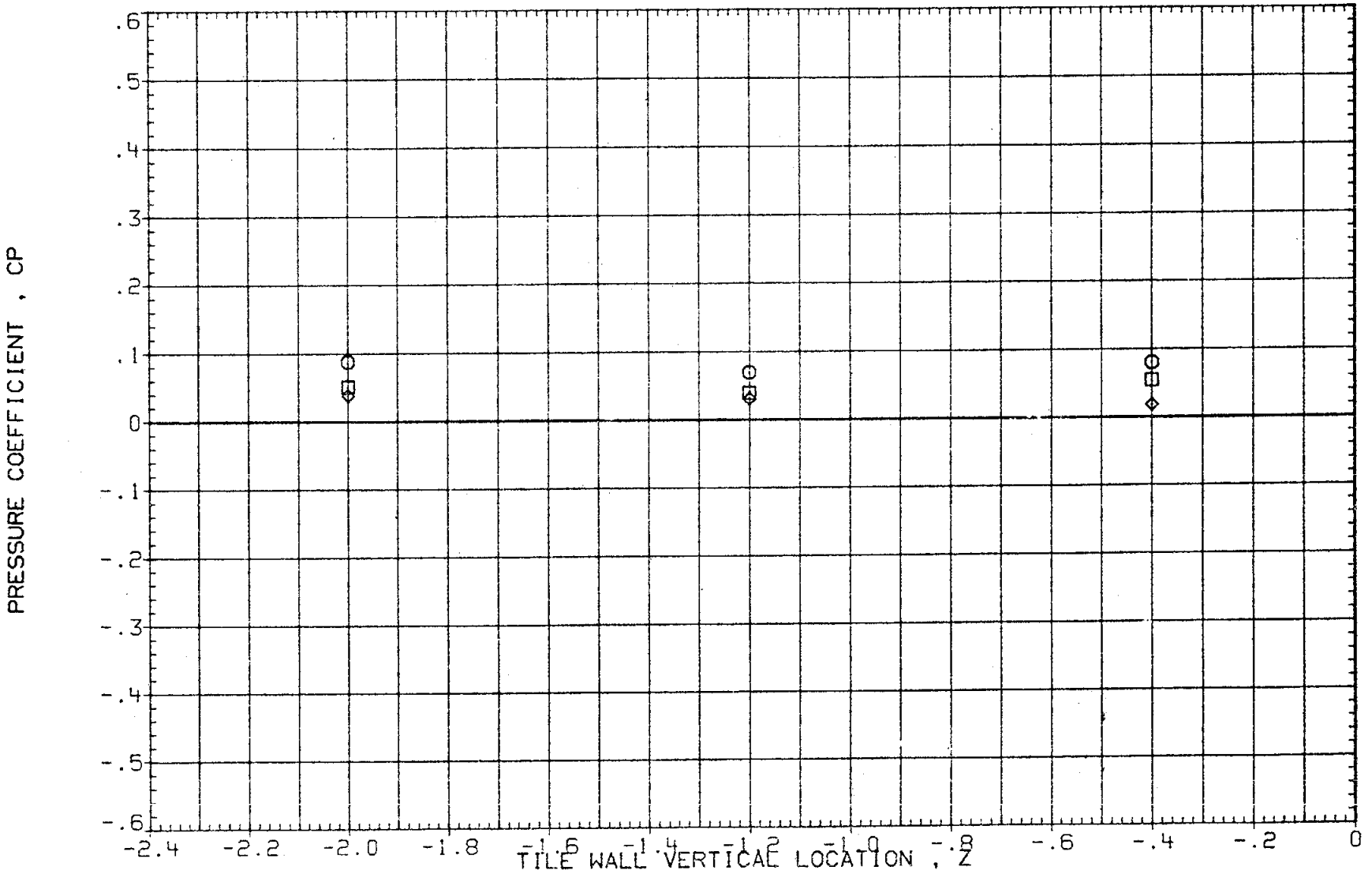


FIG. 52 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW10) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.422 | .900 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

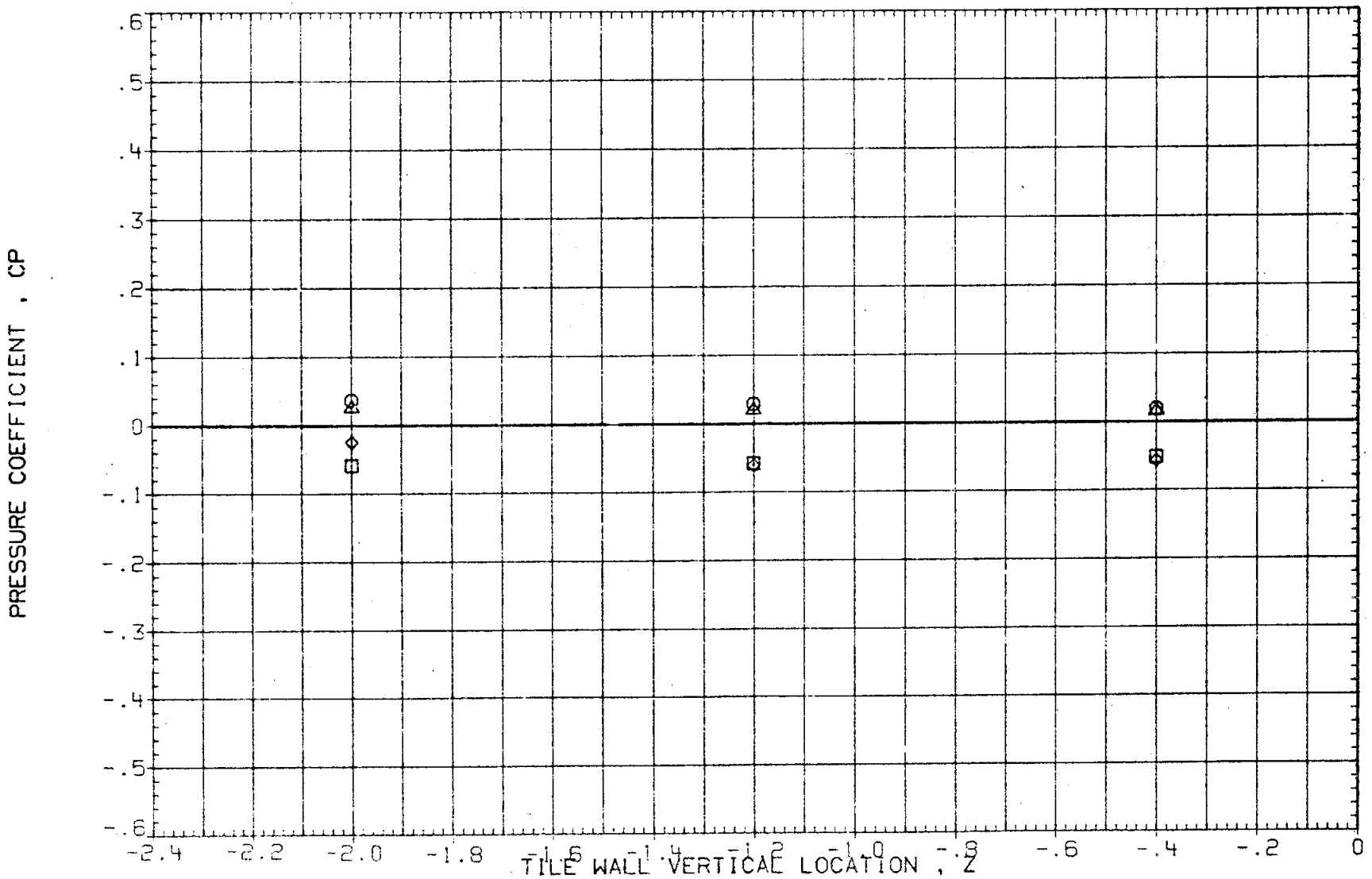


FIG. 52 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW10) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.422 | .900 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

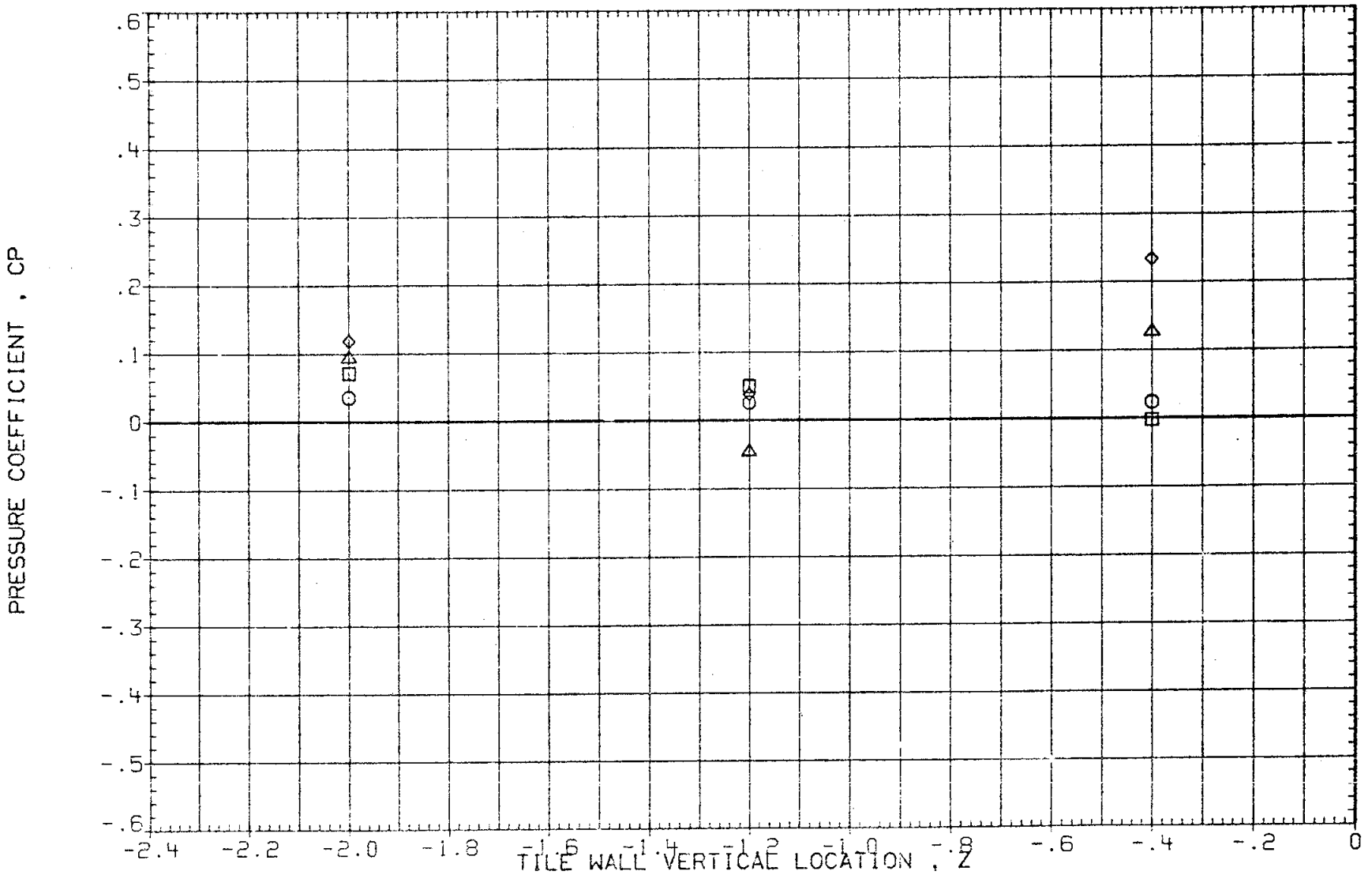


FIG. 52 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW10) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.422 | .900 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

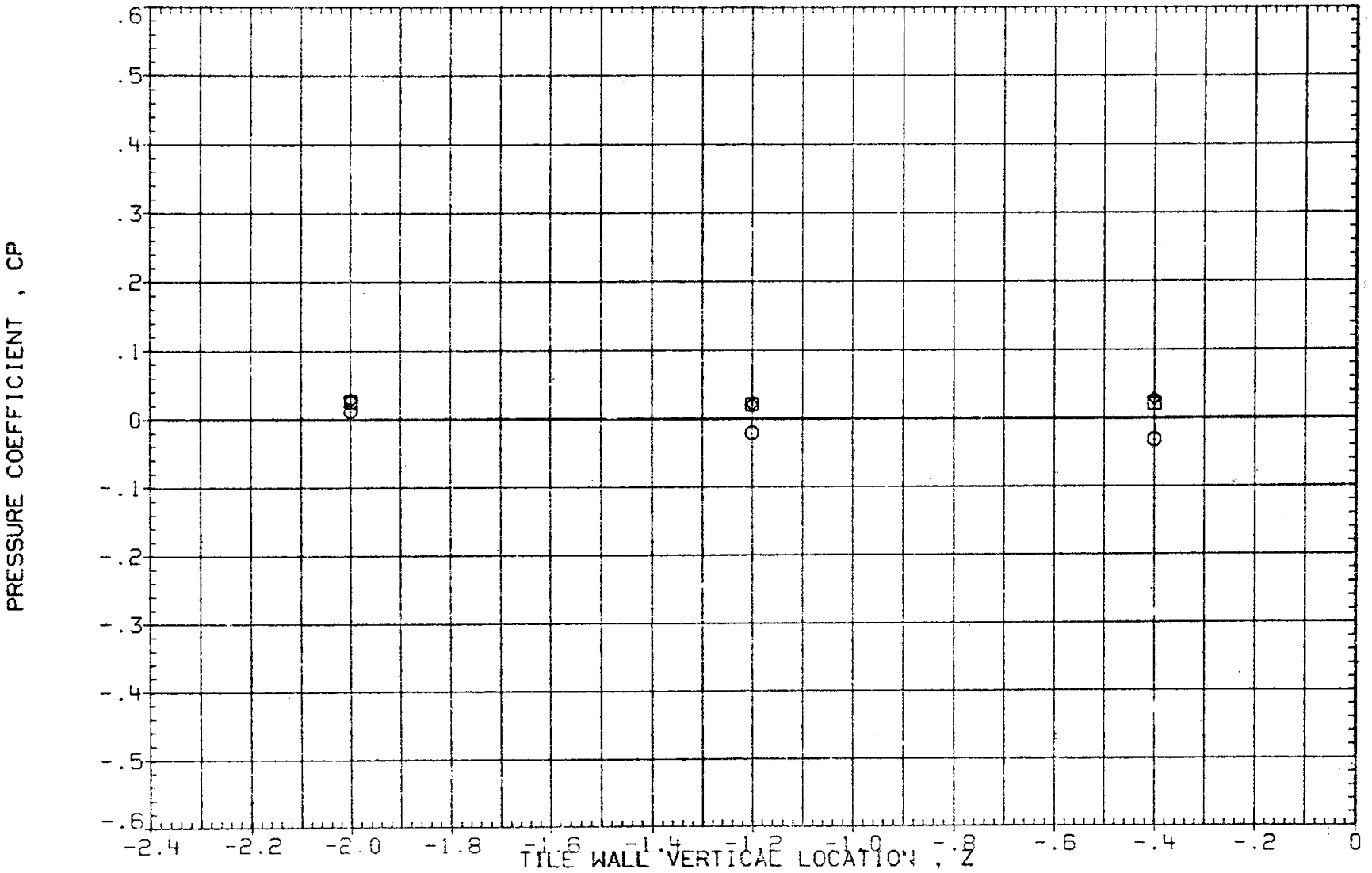


FIG. 52 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW10) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.422 | .900 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

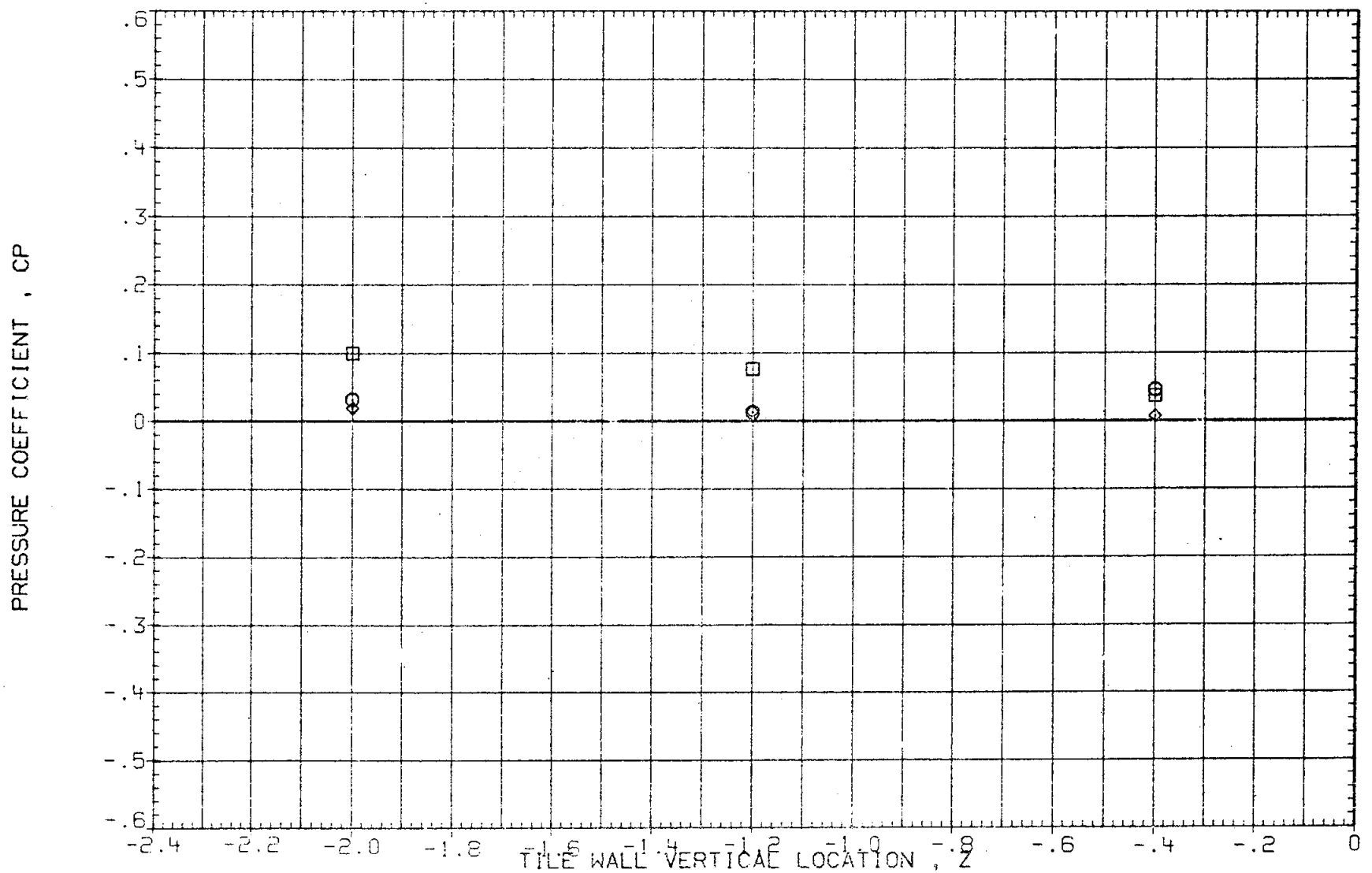


FIG. 52 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW10) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.422 | .900 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ◁ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

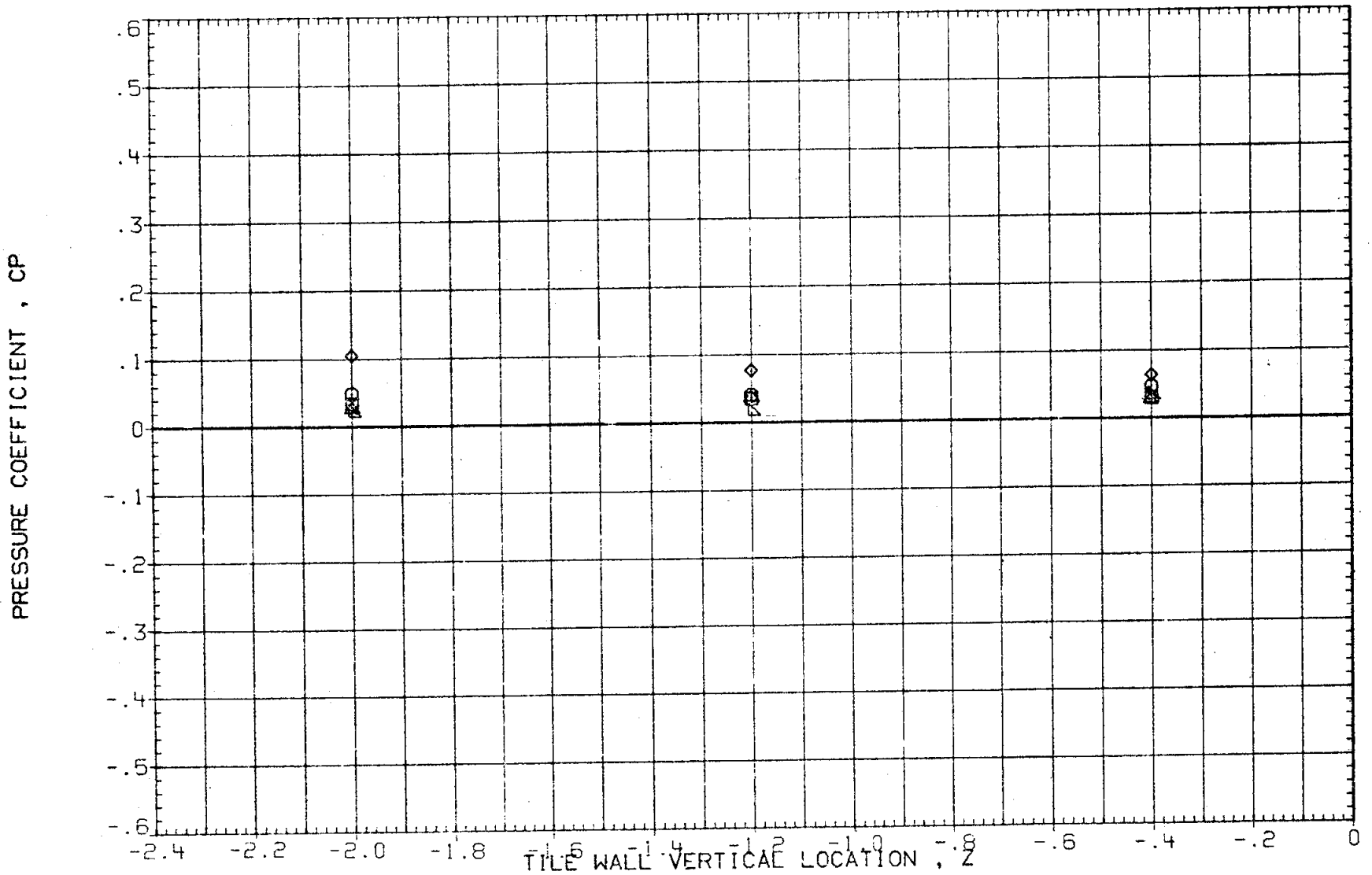


FIG. 52 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

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(R3TW26) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.385 | .901 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ◺ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.305 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

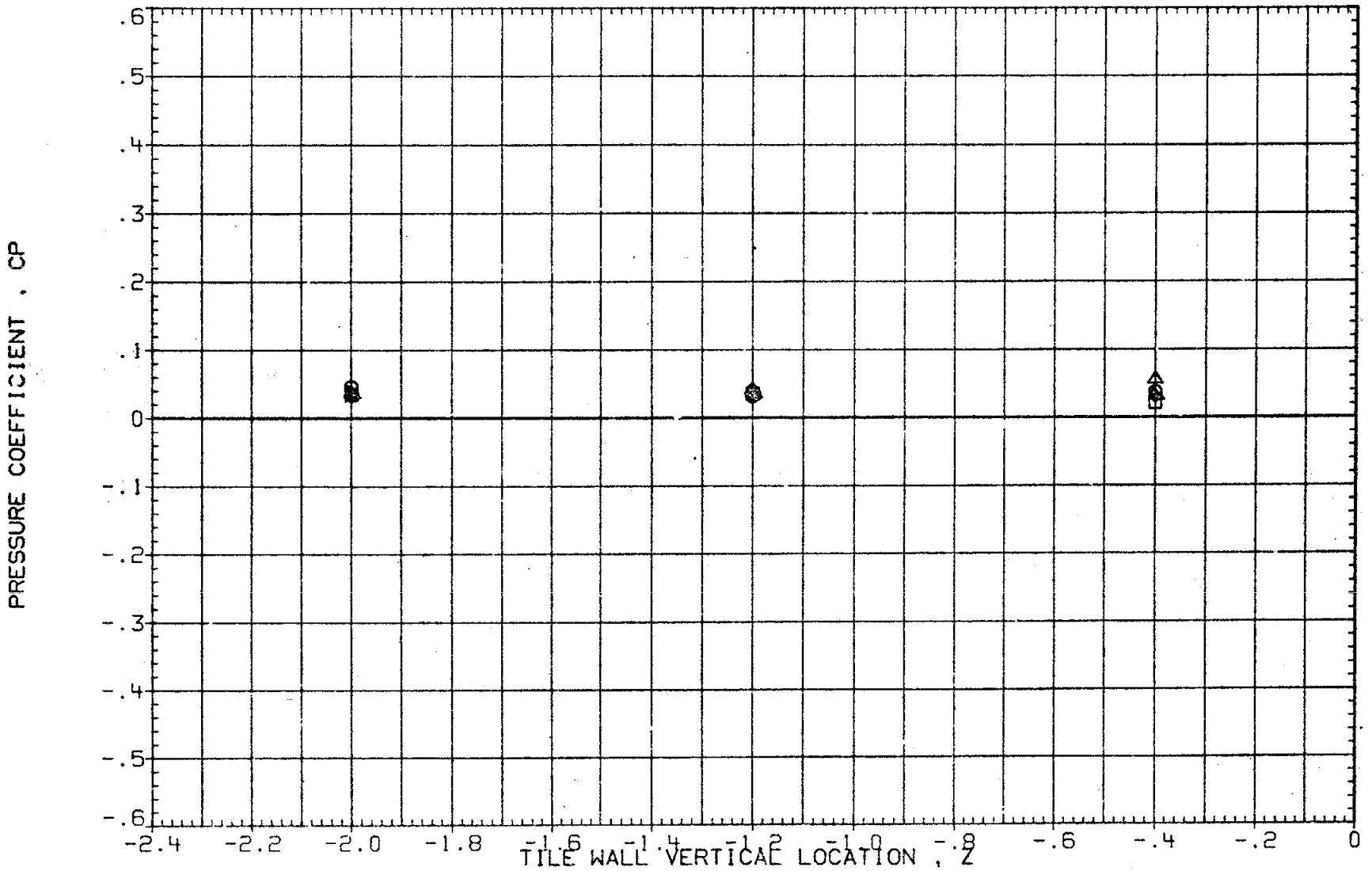


FIG. 53 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW26) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.385 | .901 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.305 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

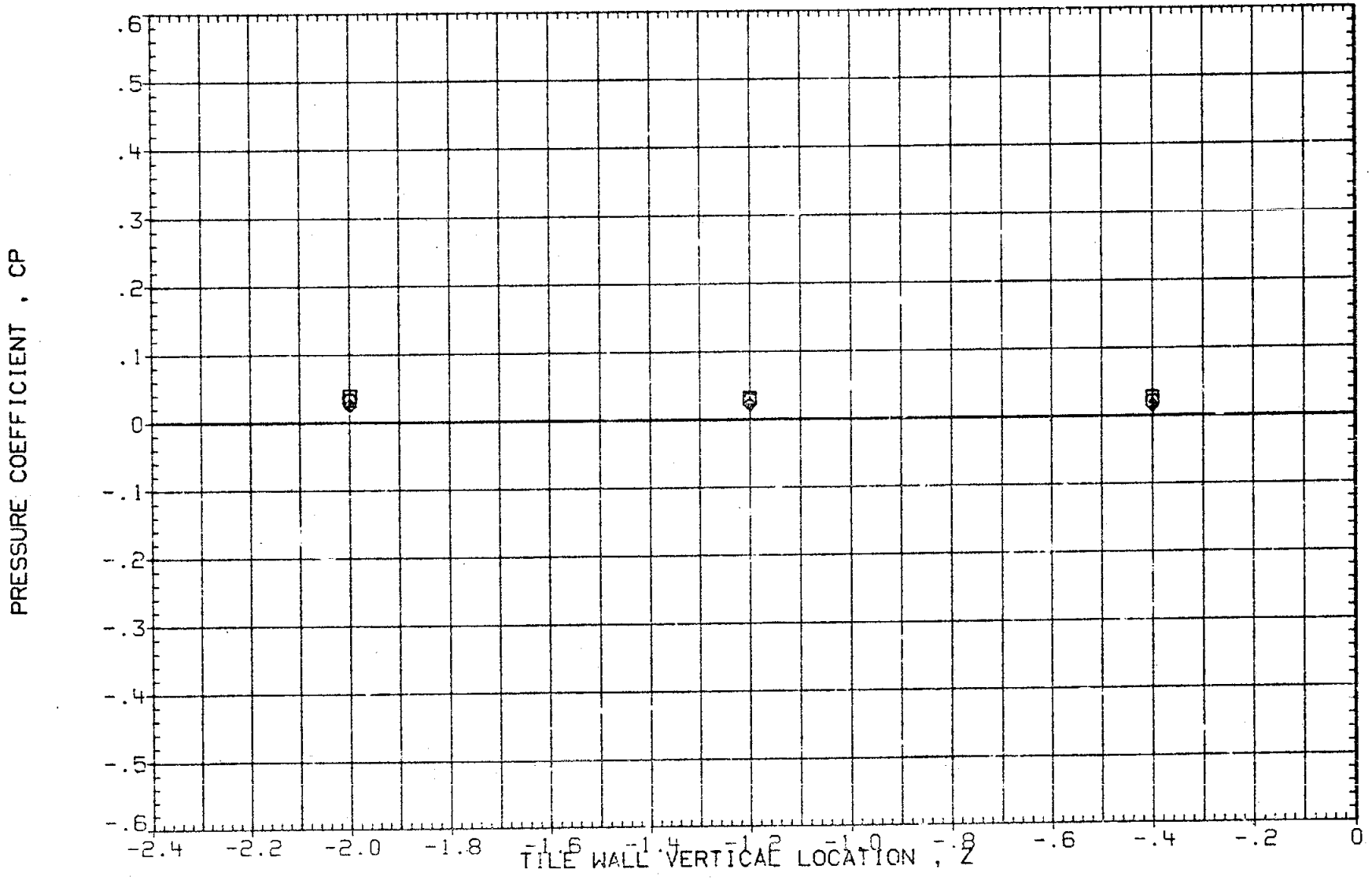


FIG. 53 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW26) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.385 | .901 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.305 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

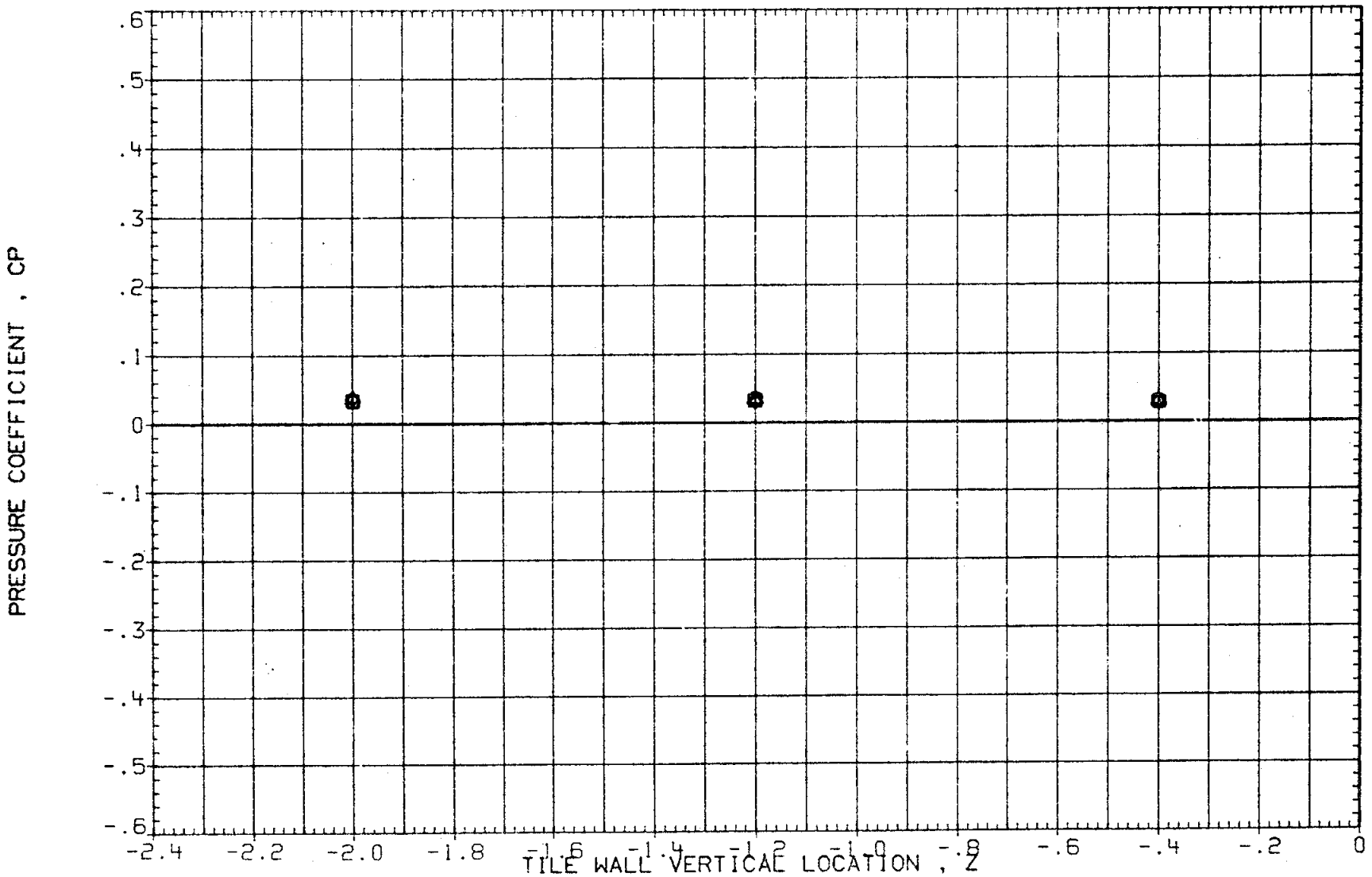


FIG. 53 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW26) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.385 | .901 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.305 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

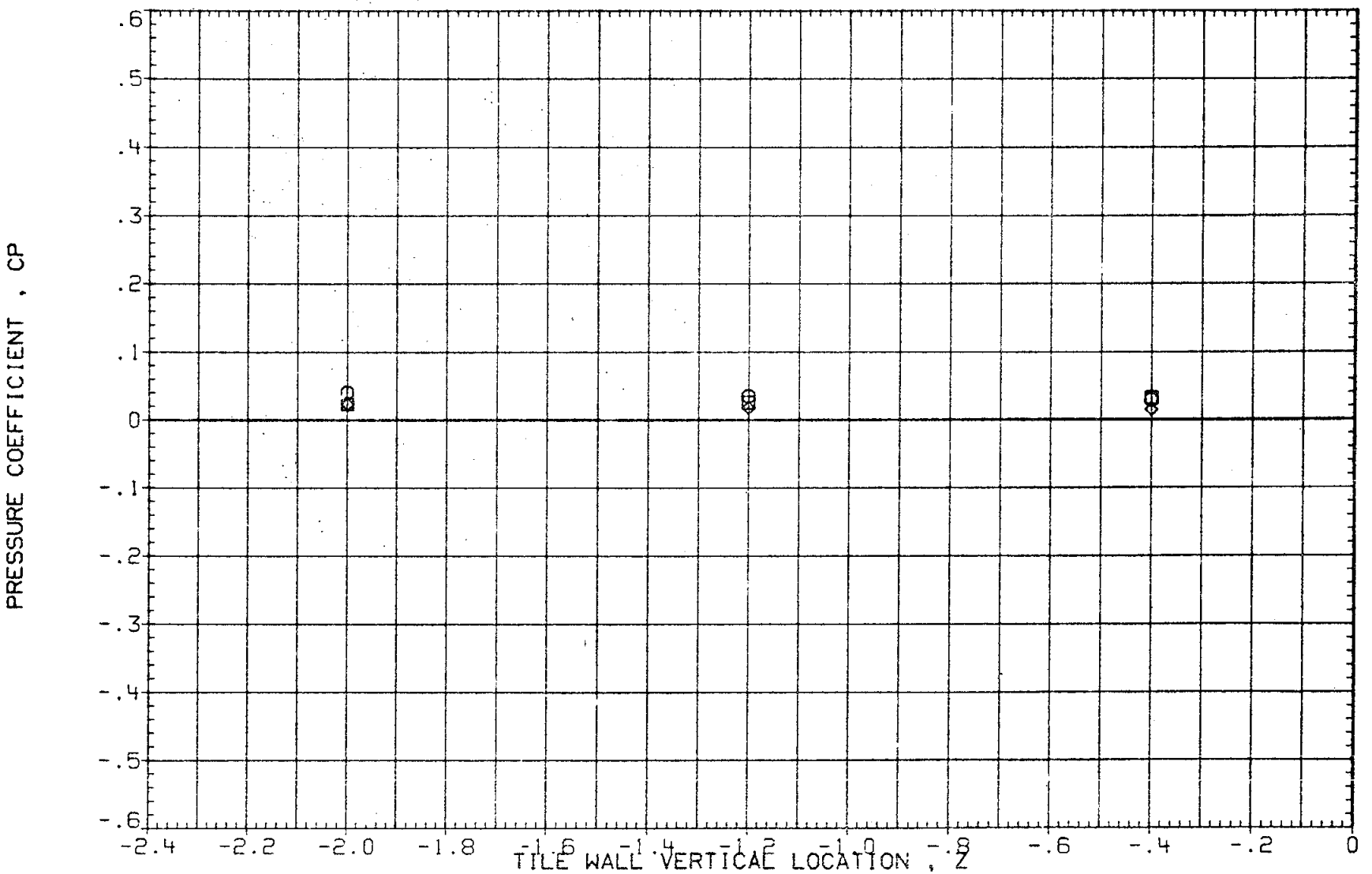


FIG. 53 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW26) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.385 | .901 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.300 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

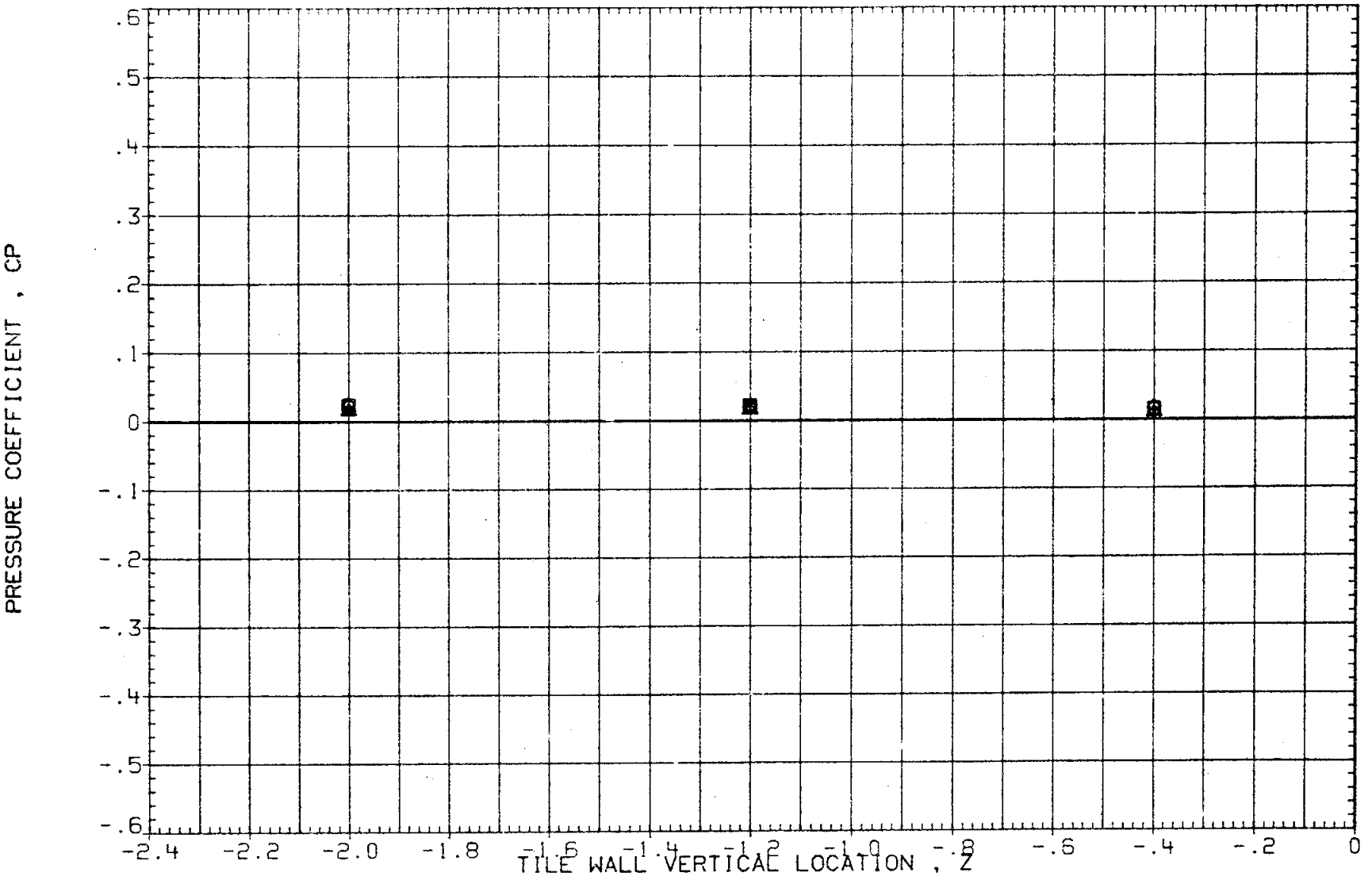


FIG. 53 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW26) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.385 | .901 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.305 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

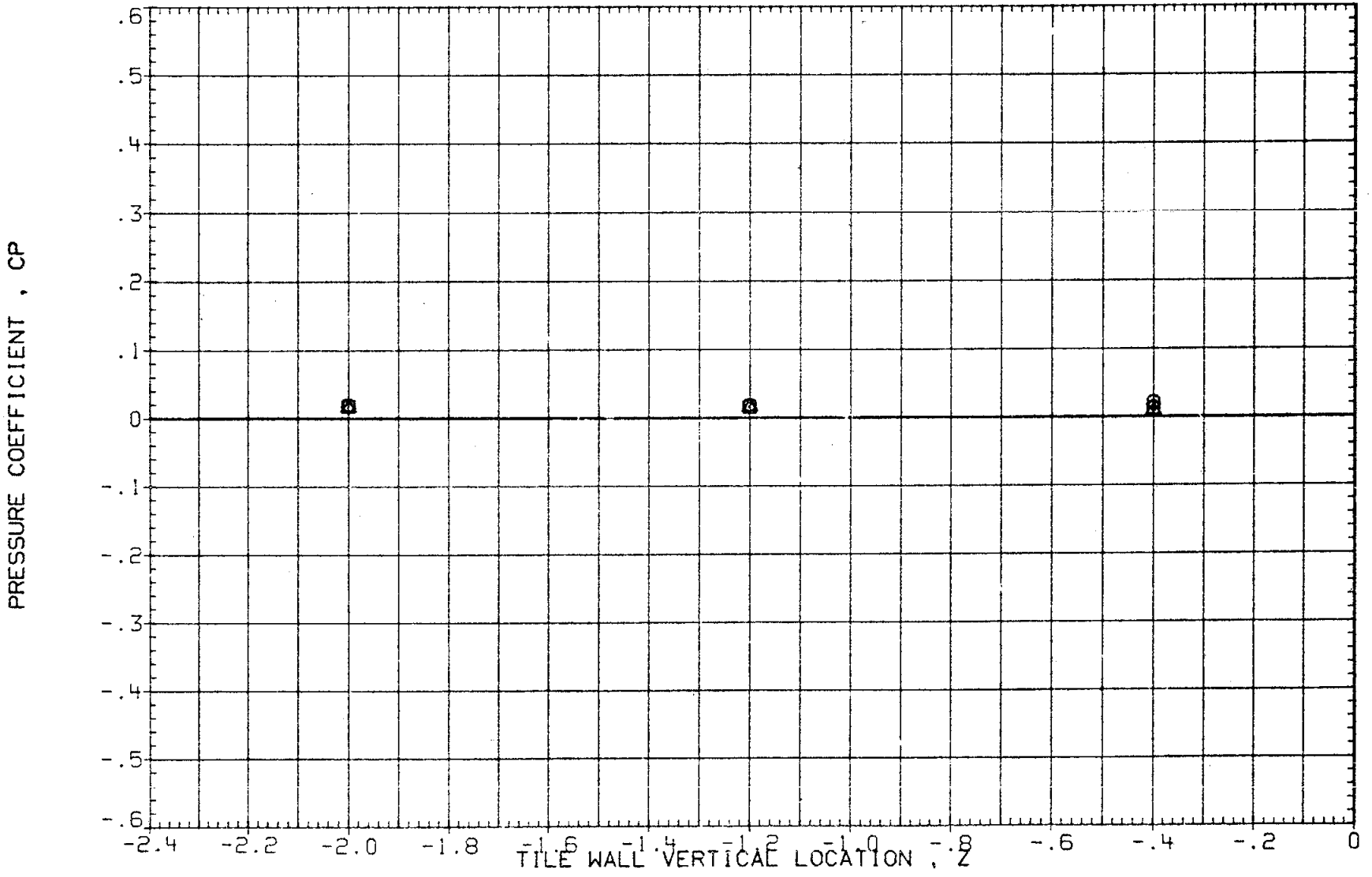


FIG. 53 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW26) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.385 | .901 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.305 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

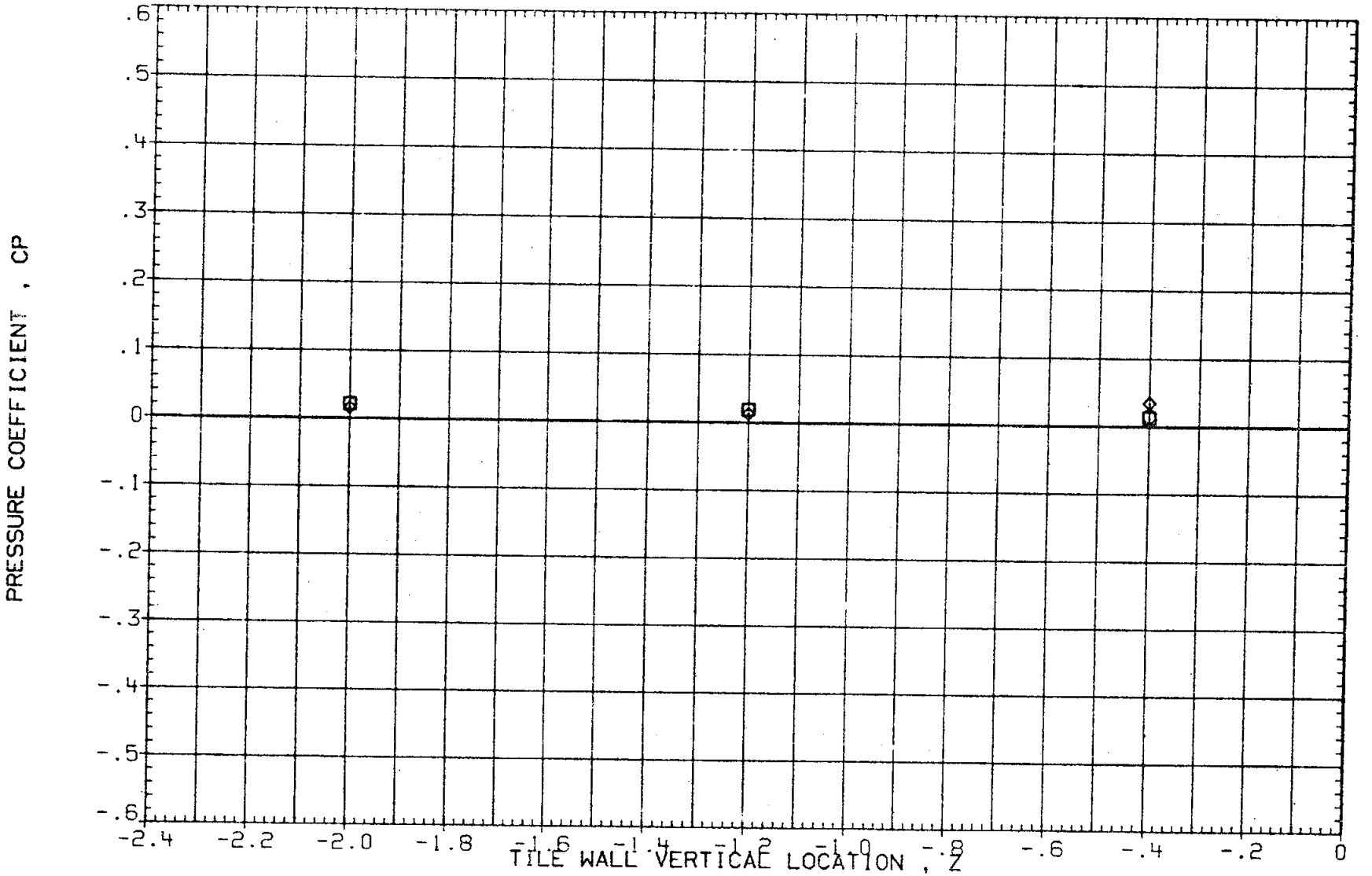


FIG. 53 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW26) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.385 | .901 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.305 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

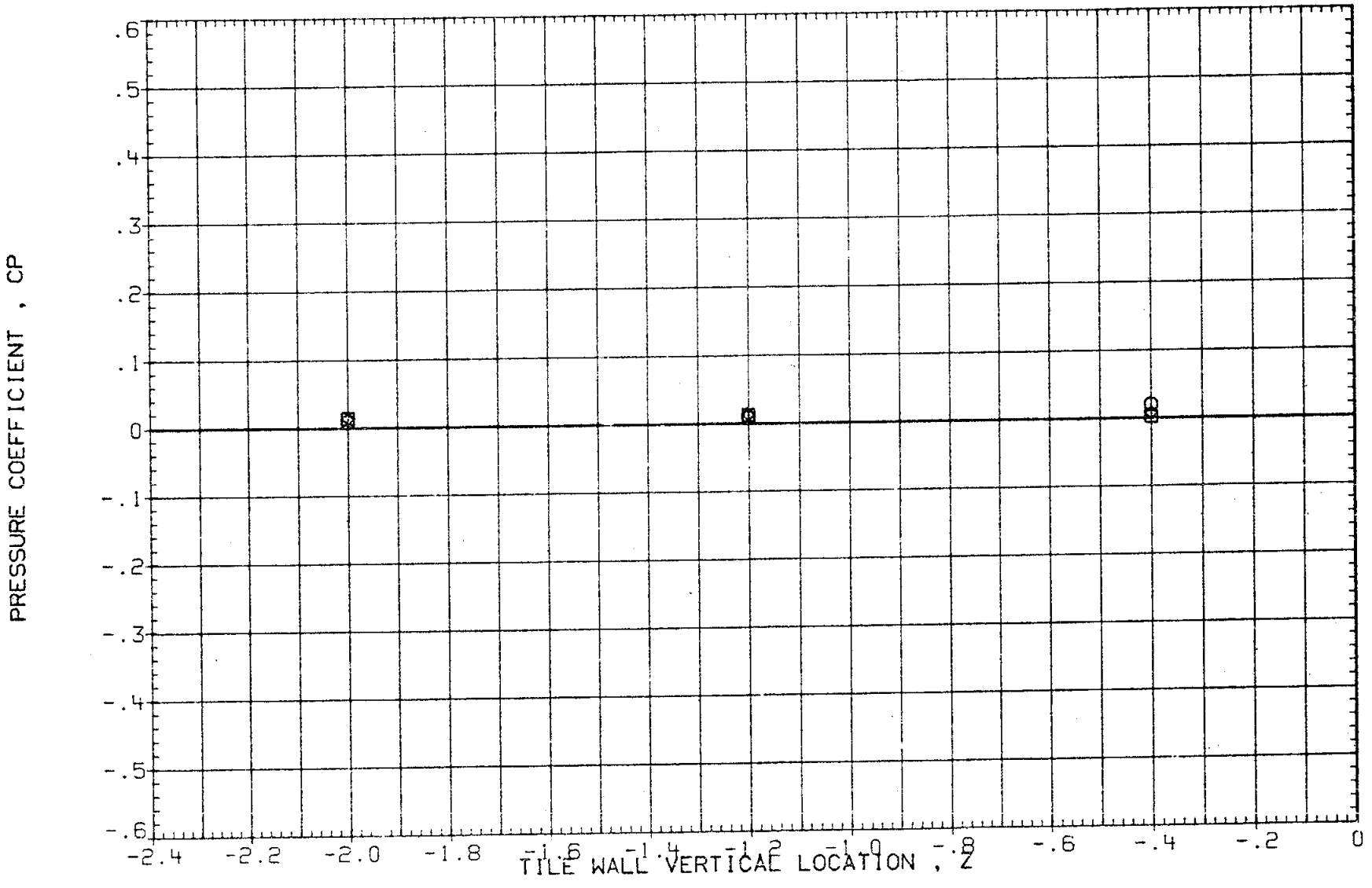


FIG. 53 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW26) OA-252 ( P90+A ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.385 | .901 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ▷ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.305 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

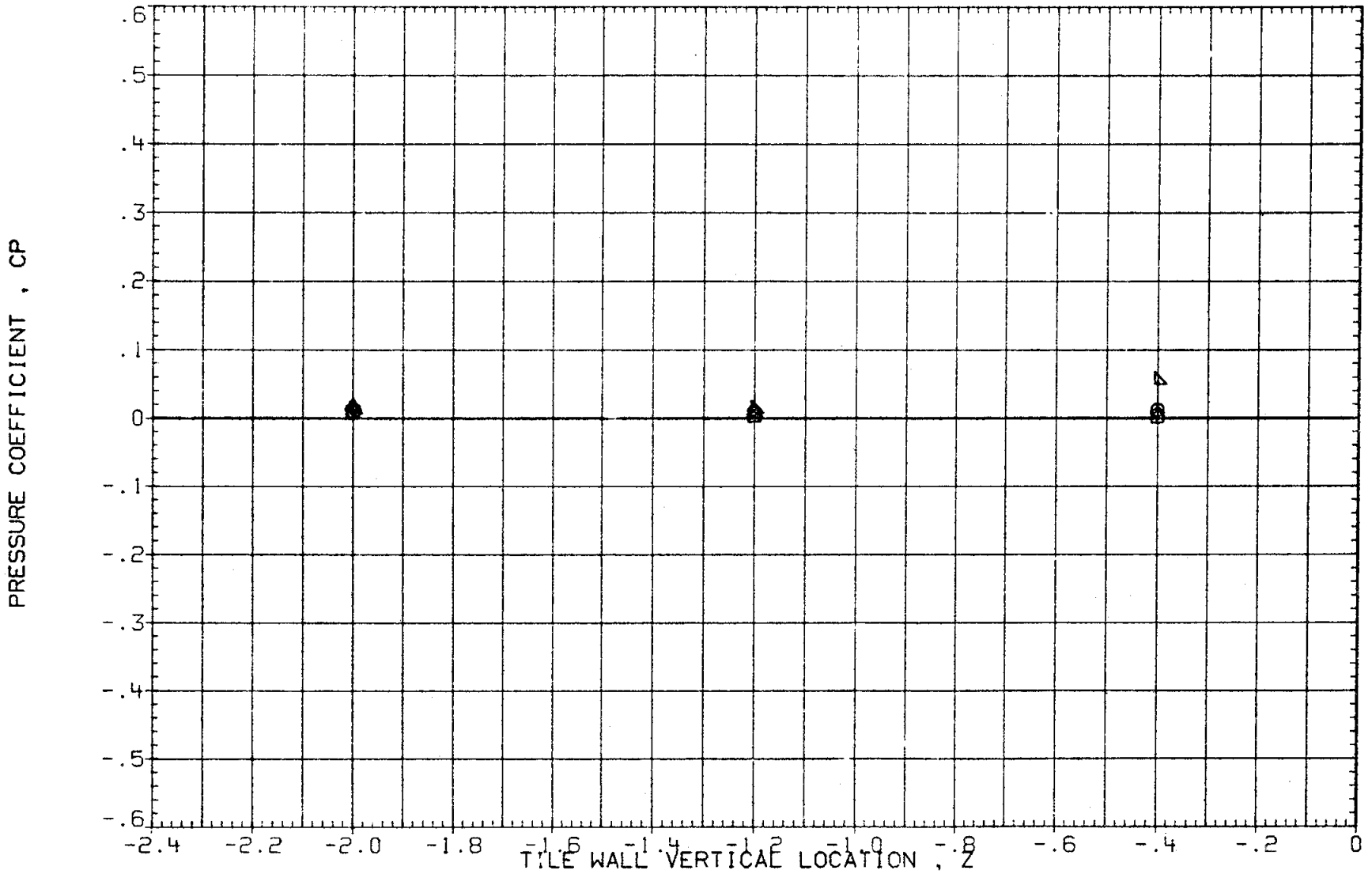


FIG. 53 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

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(R3TW35) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.430 | .900 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ◁ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

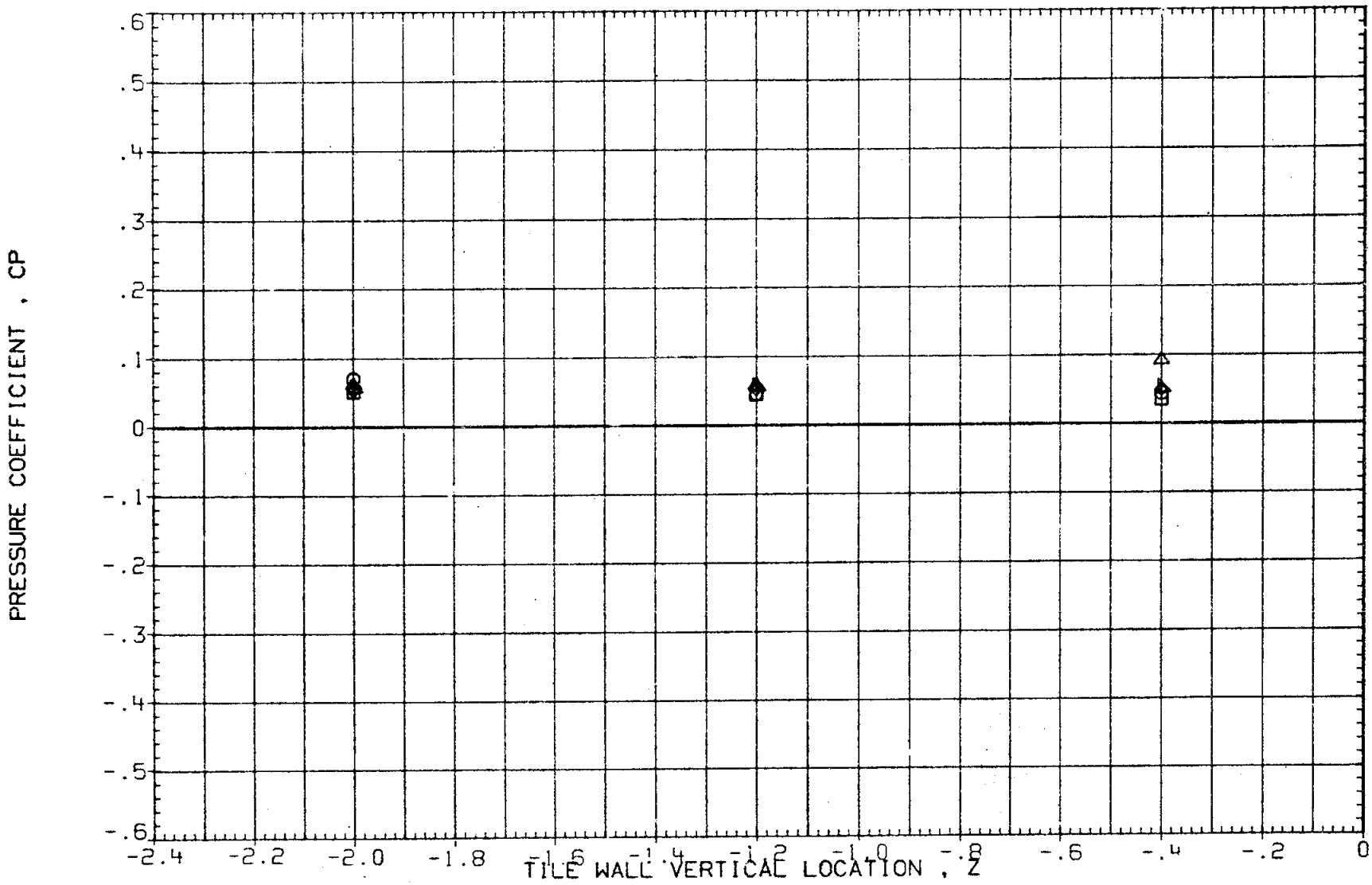


FIG. 54 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW35) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.430 | .900 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

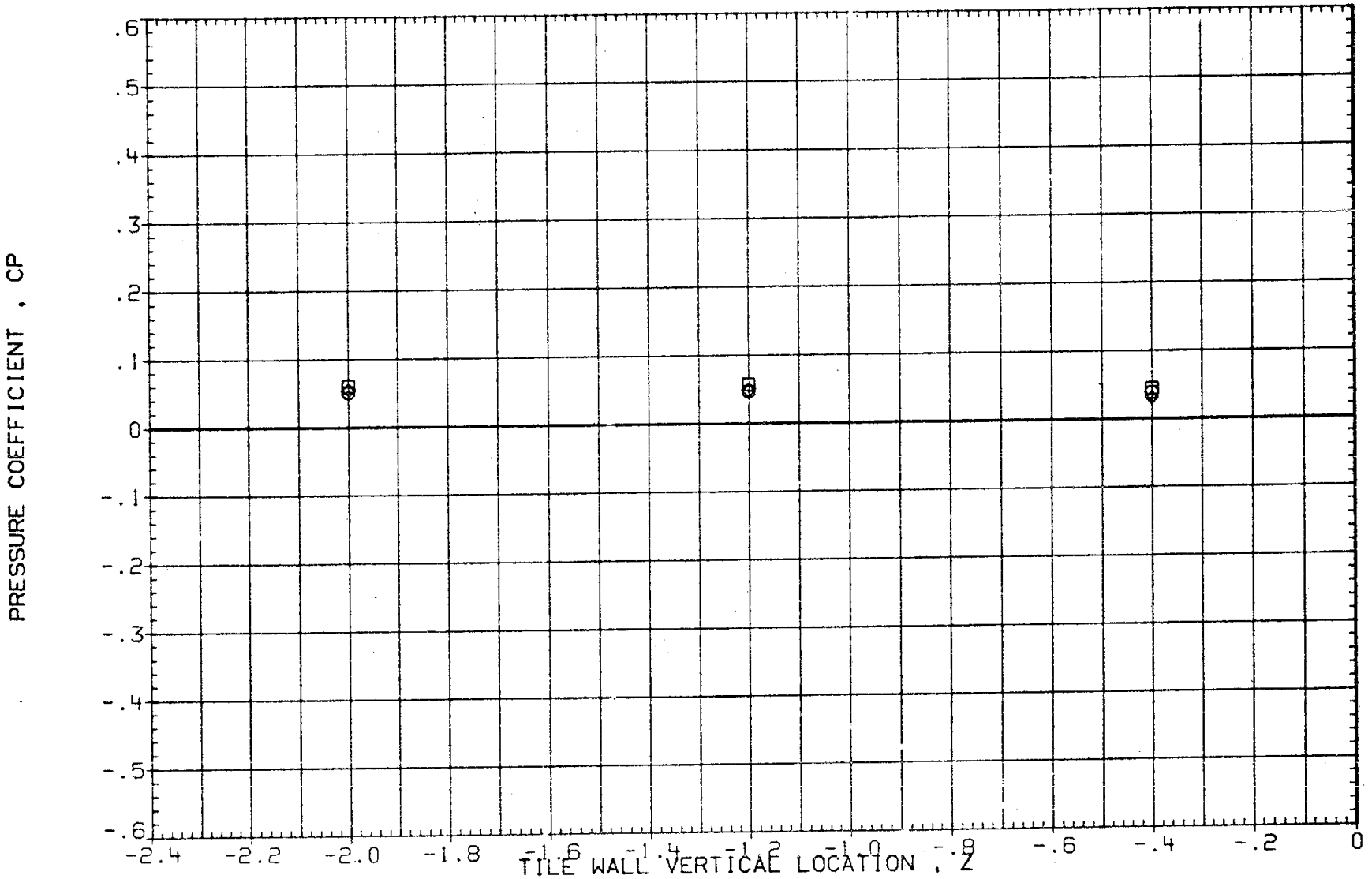


FIG. 54 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW35) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.430 | .900 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

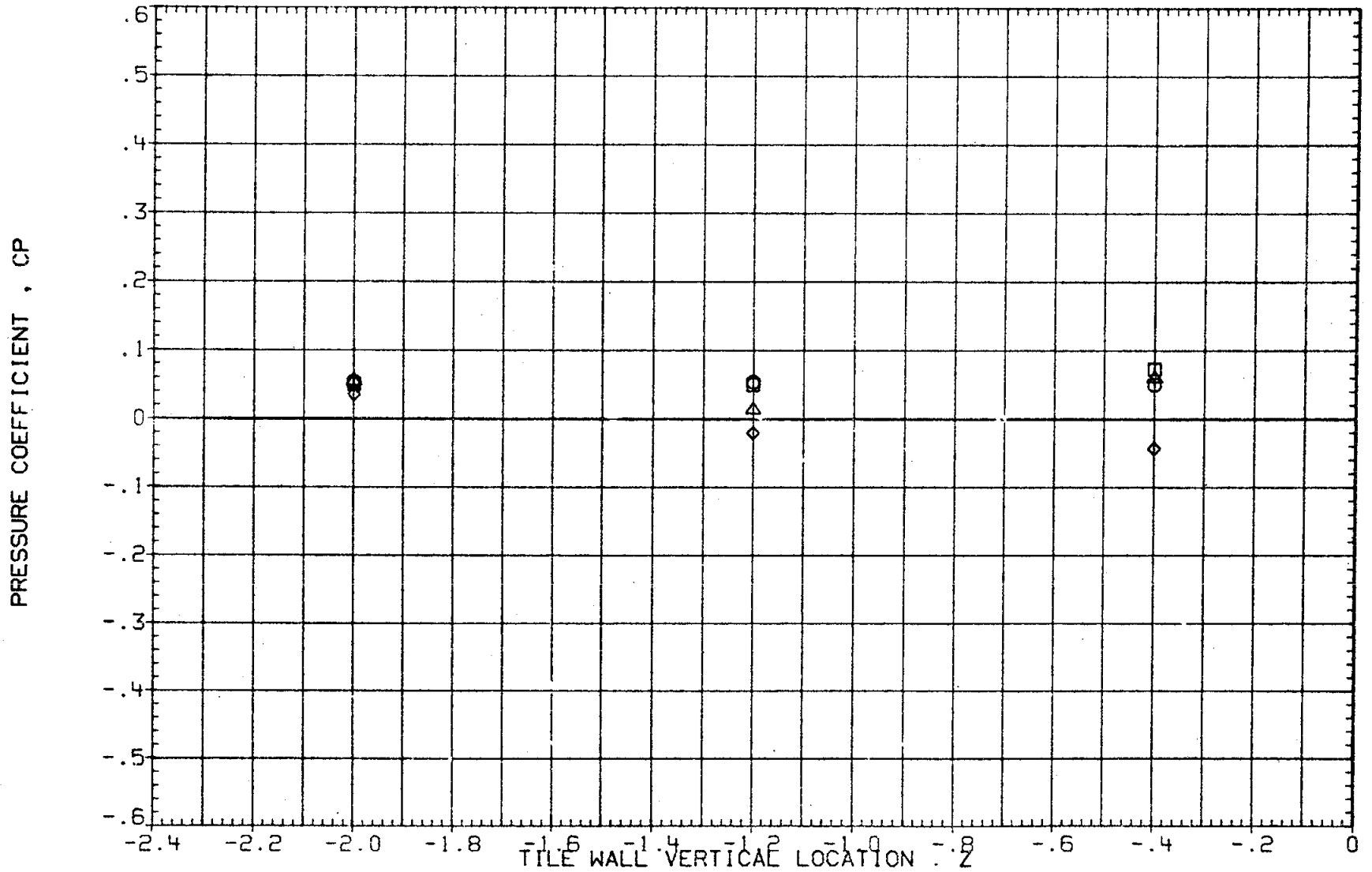


FIG. 54 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW35) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.430 | .900 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

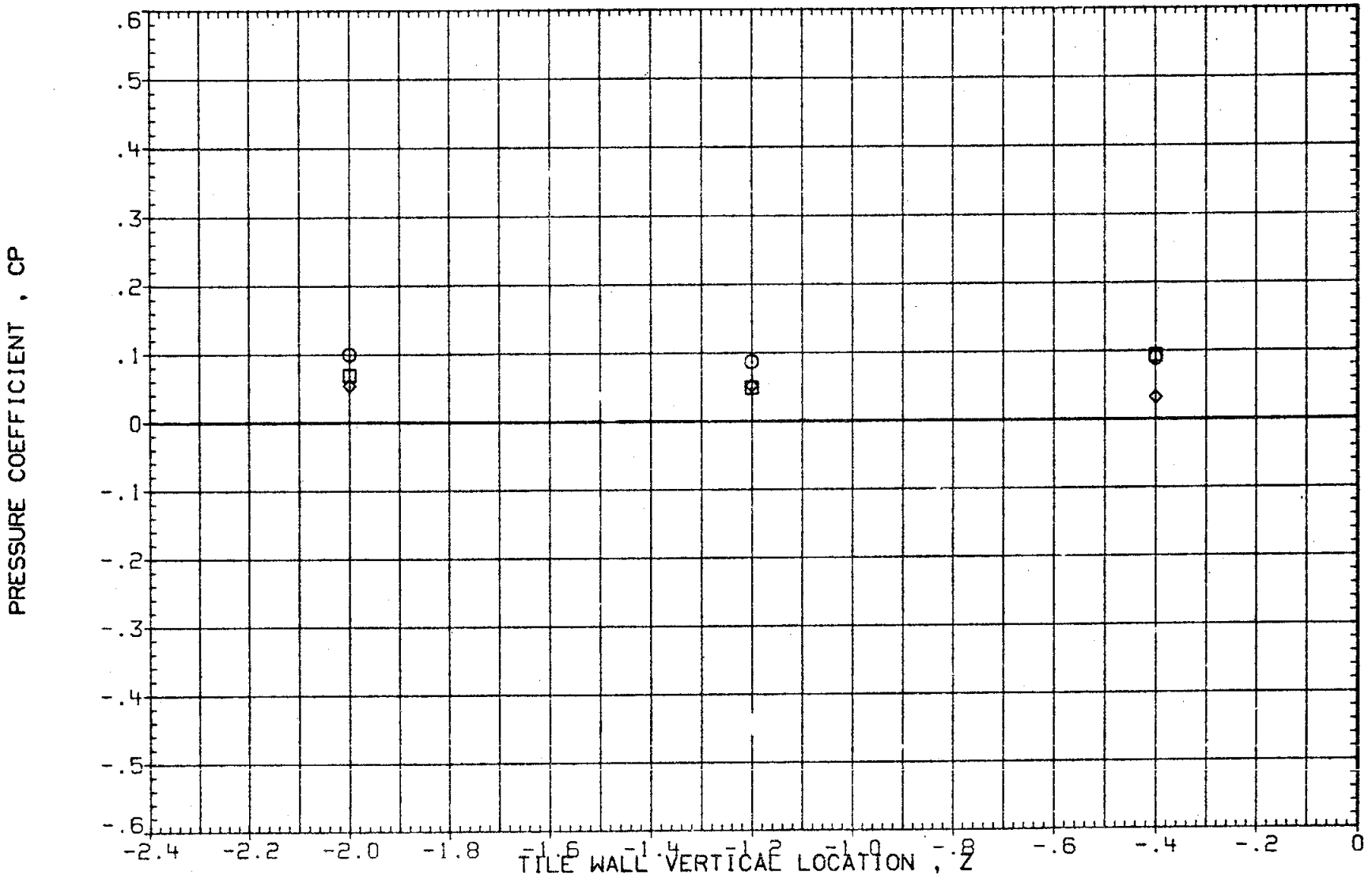


FIG. 54 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW35) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.430 | .900 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

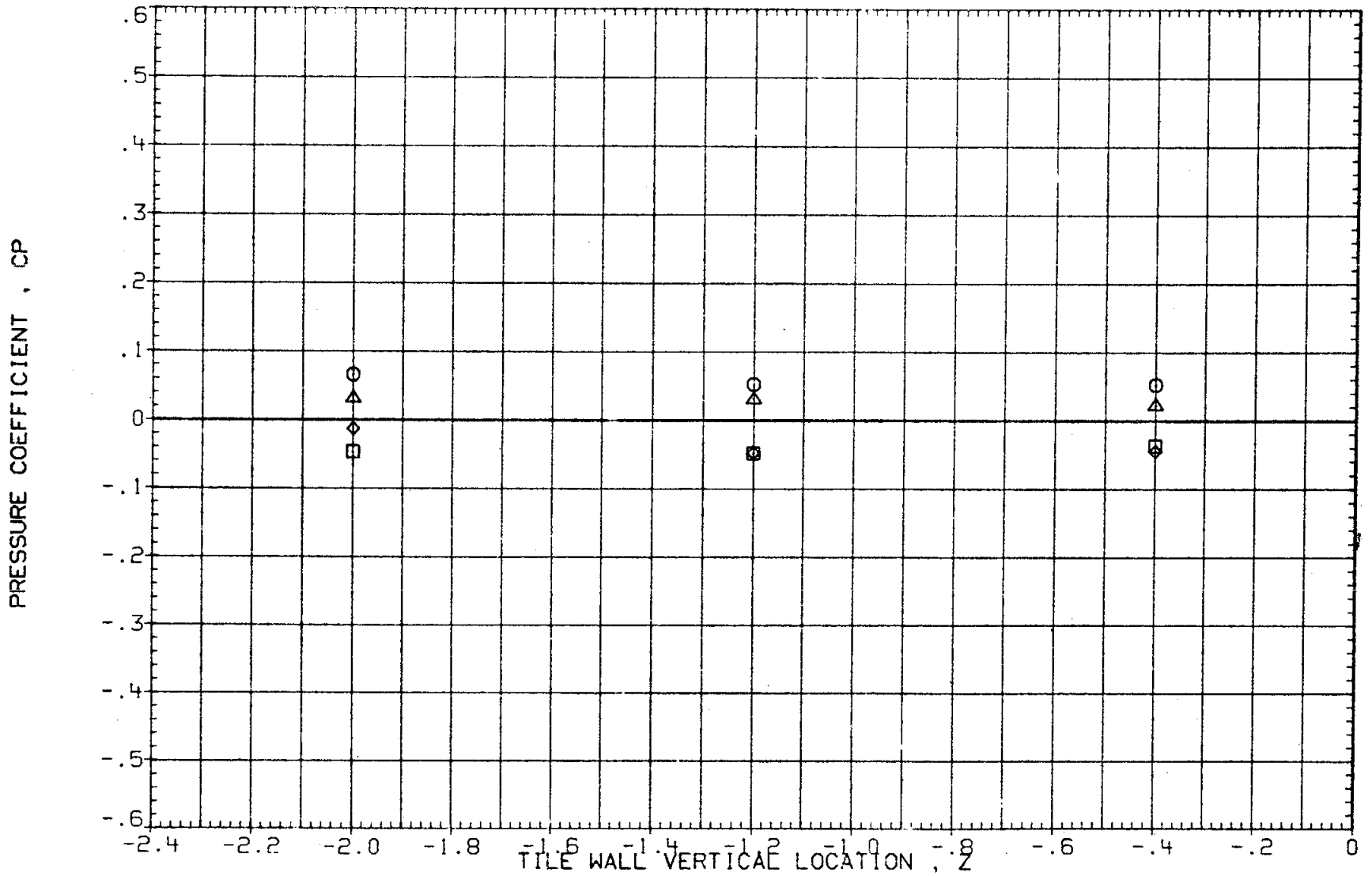


FIG. 54 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW35) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.430 | .900 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

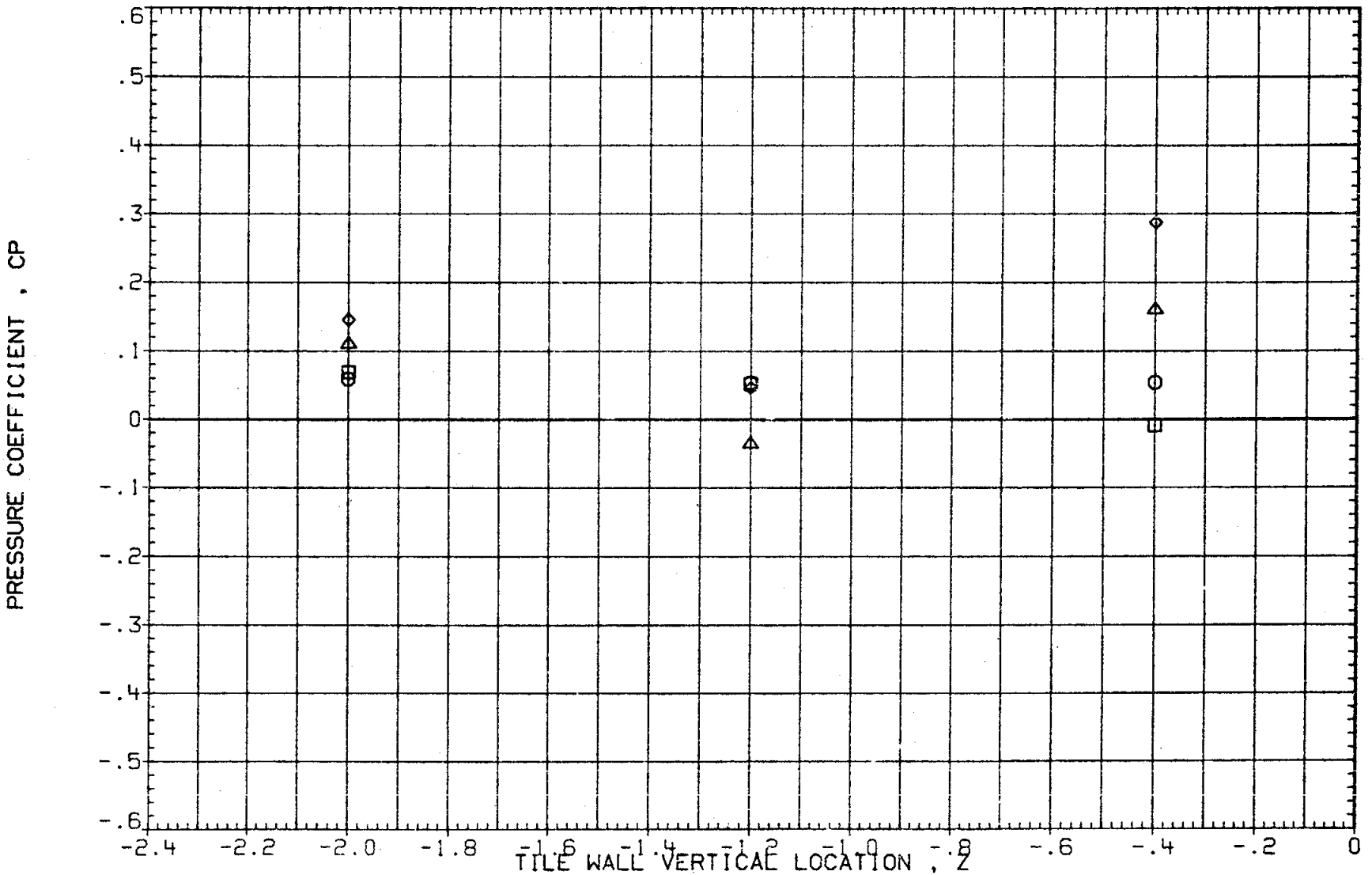


FIG. 54 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW35) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.430 | .900 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

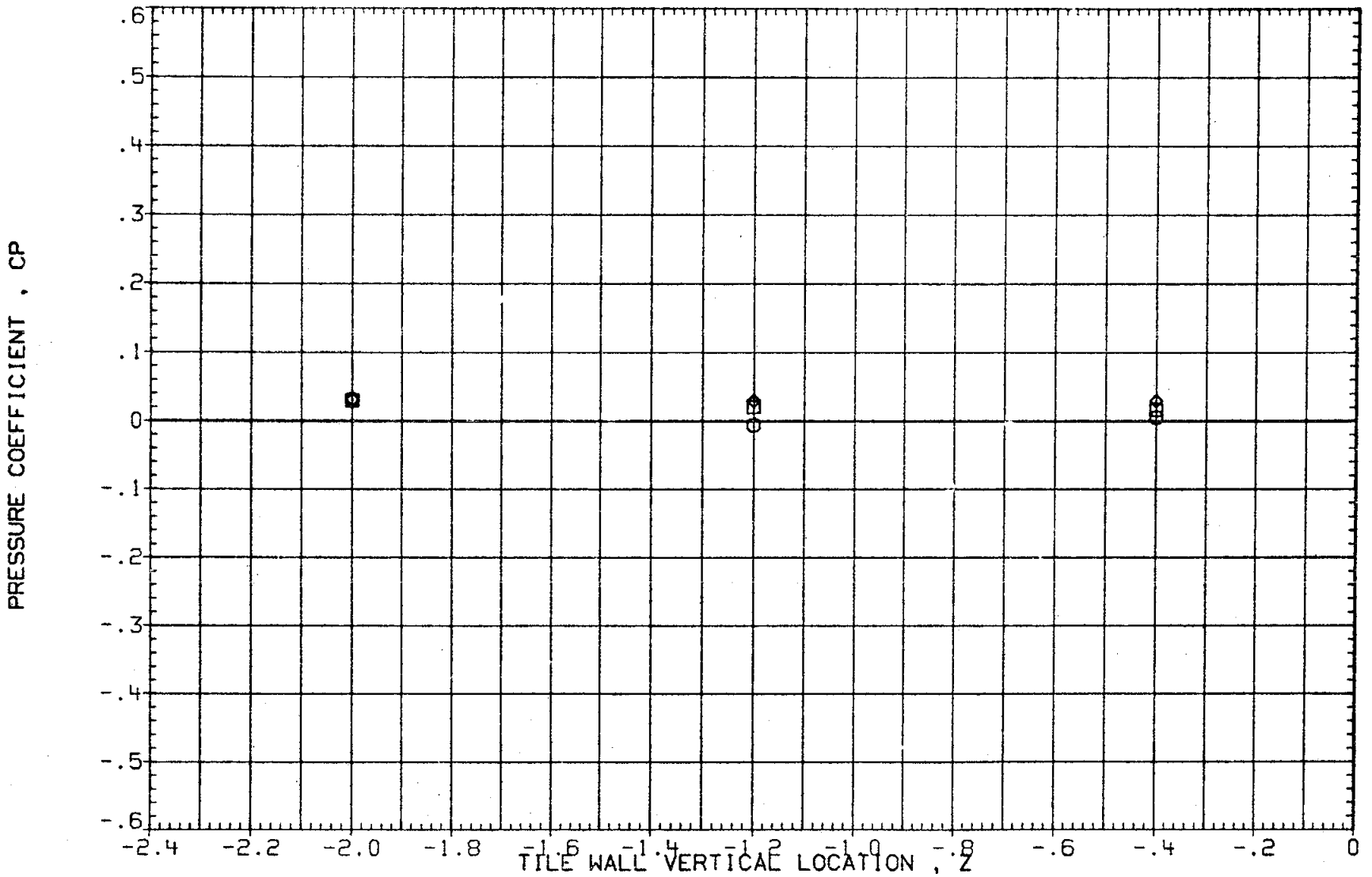


FIG. 54 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW35) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.430 | .900 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

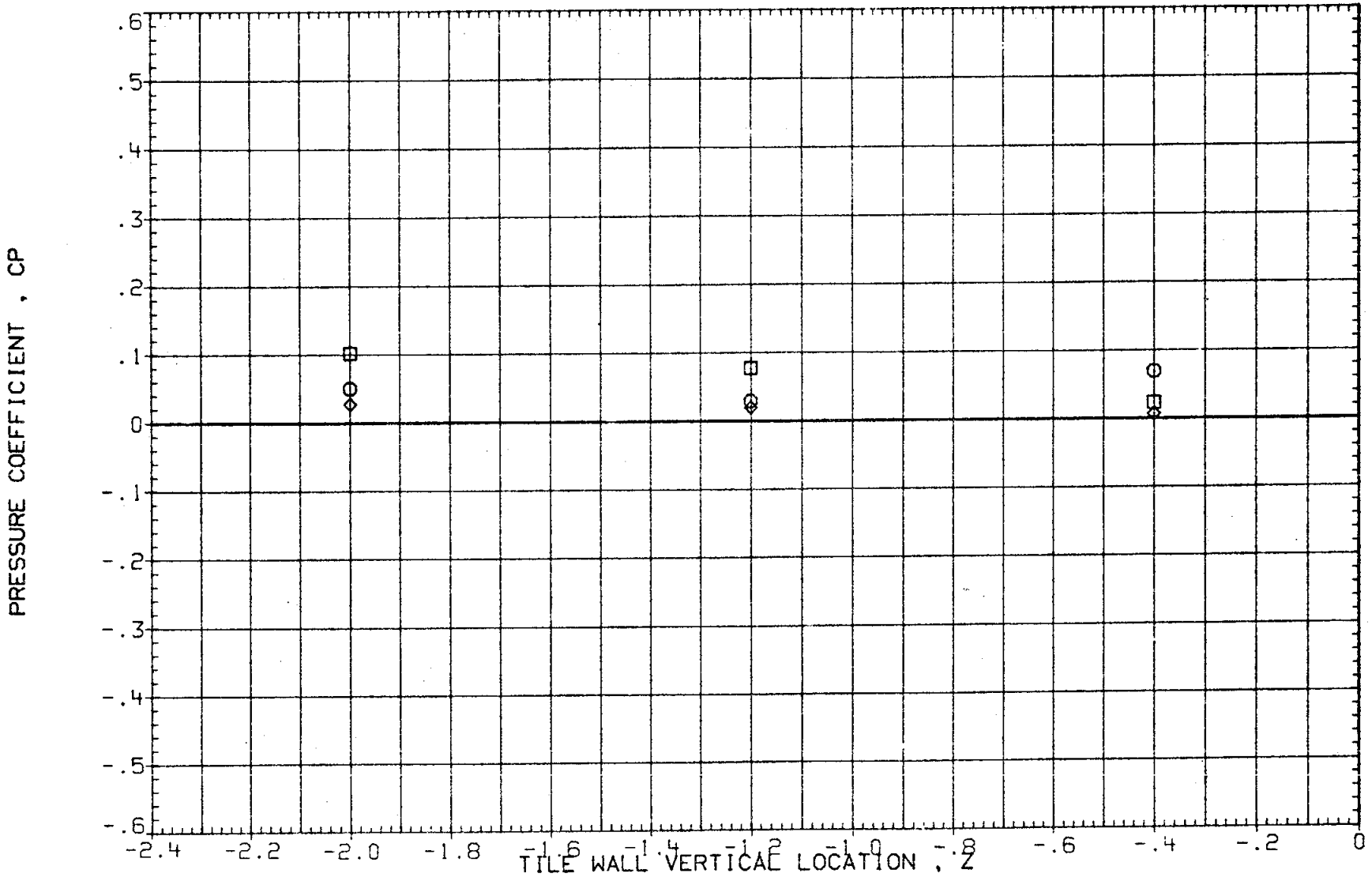


FIG. 54 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW35) OA-252 ( P90+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.430 | .900 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ▷ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

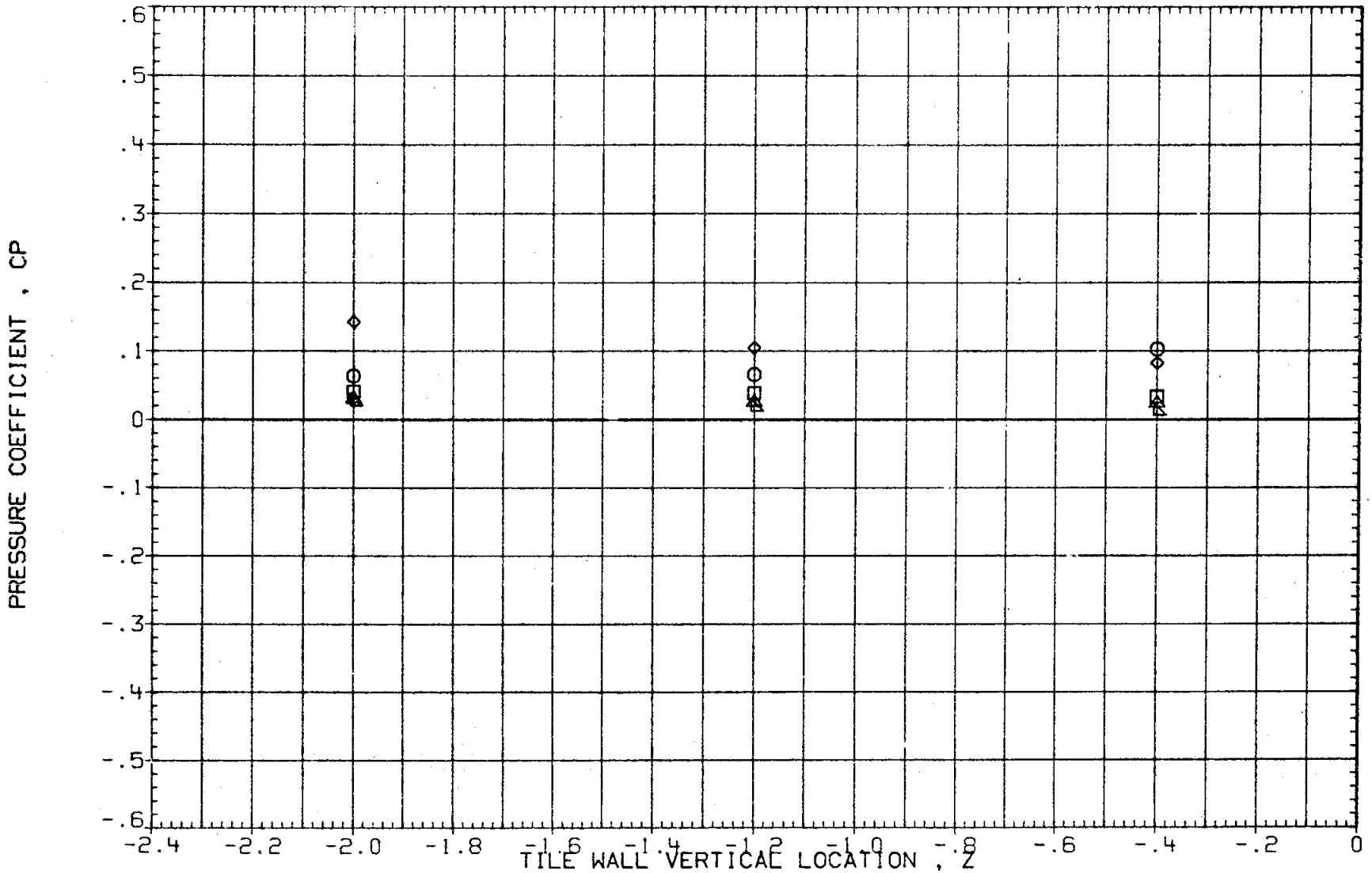


FIG. 54 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

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(R3TW41) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.430 | .898 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ▷ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.388 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

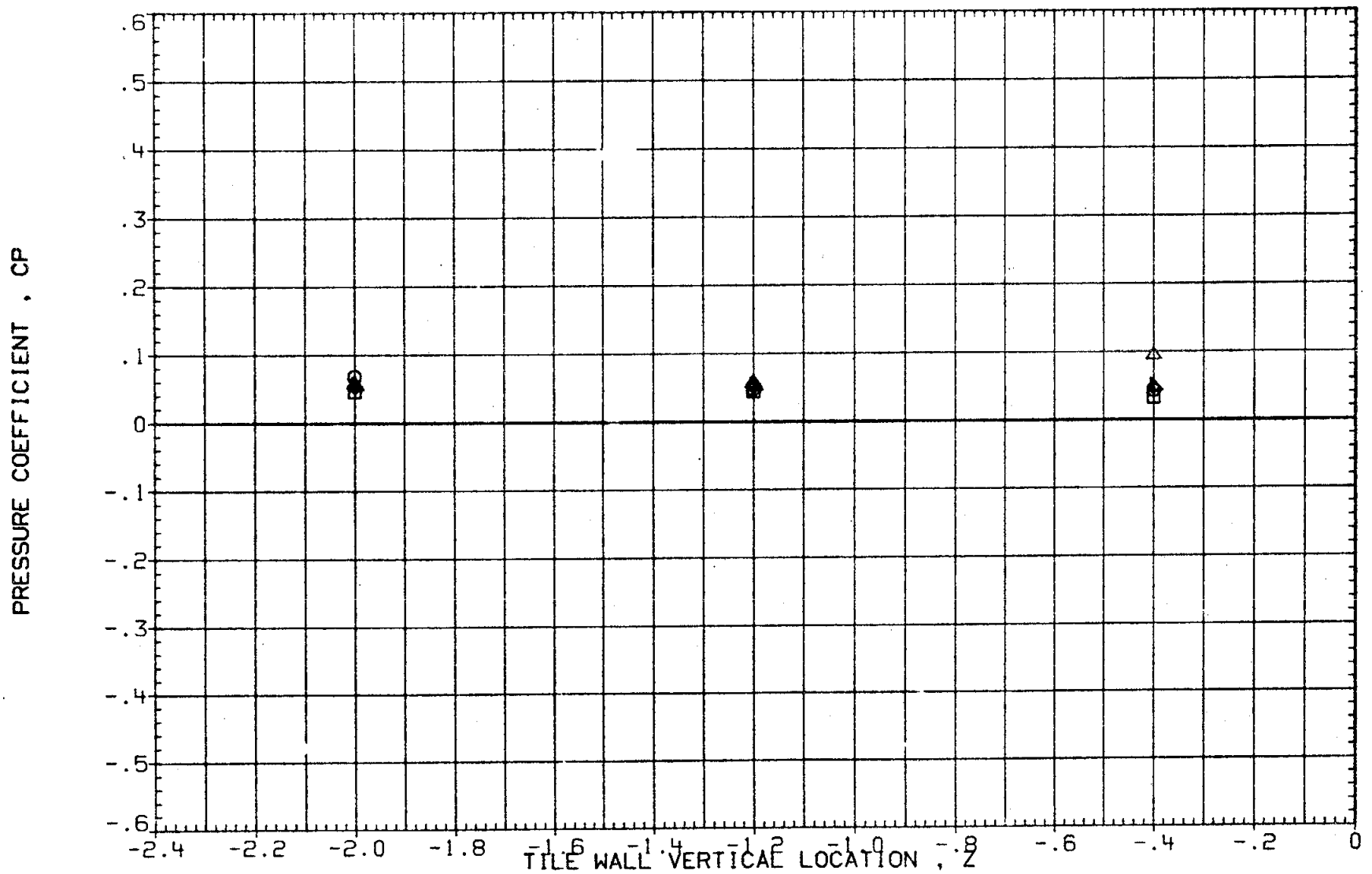


FIG. 55 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW41) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.430 | .898 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.388 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

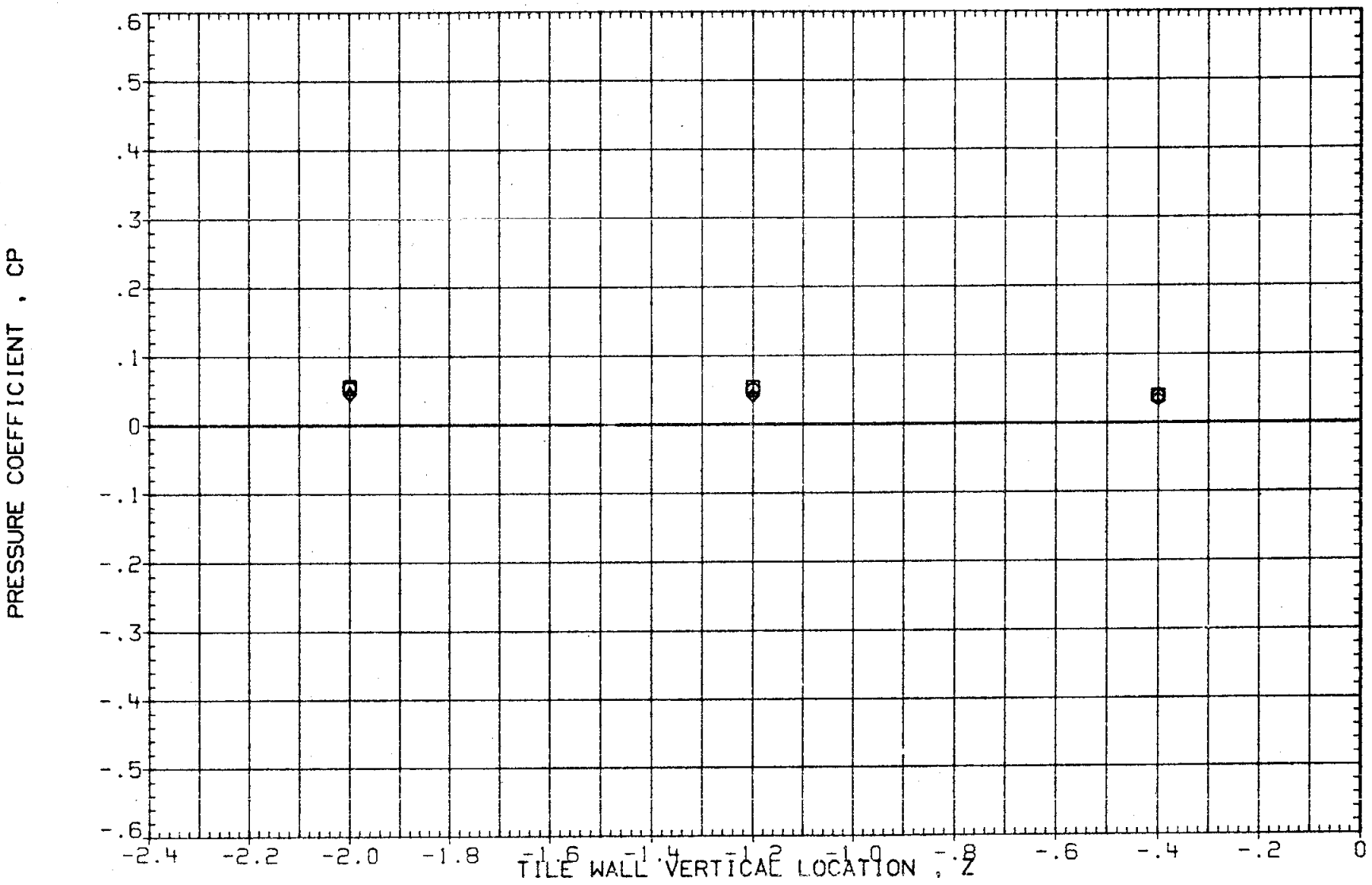


FIG. 55 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW41) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.430 | .898 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.388 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

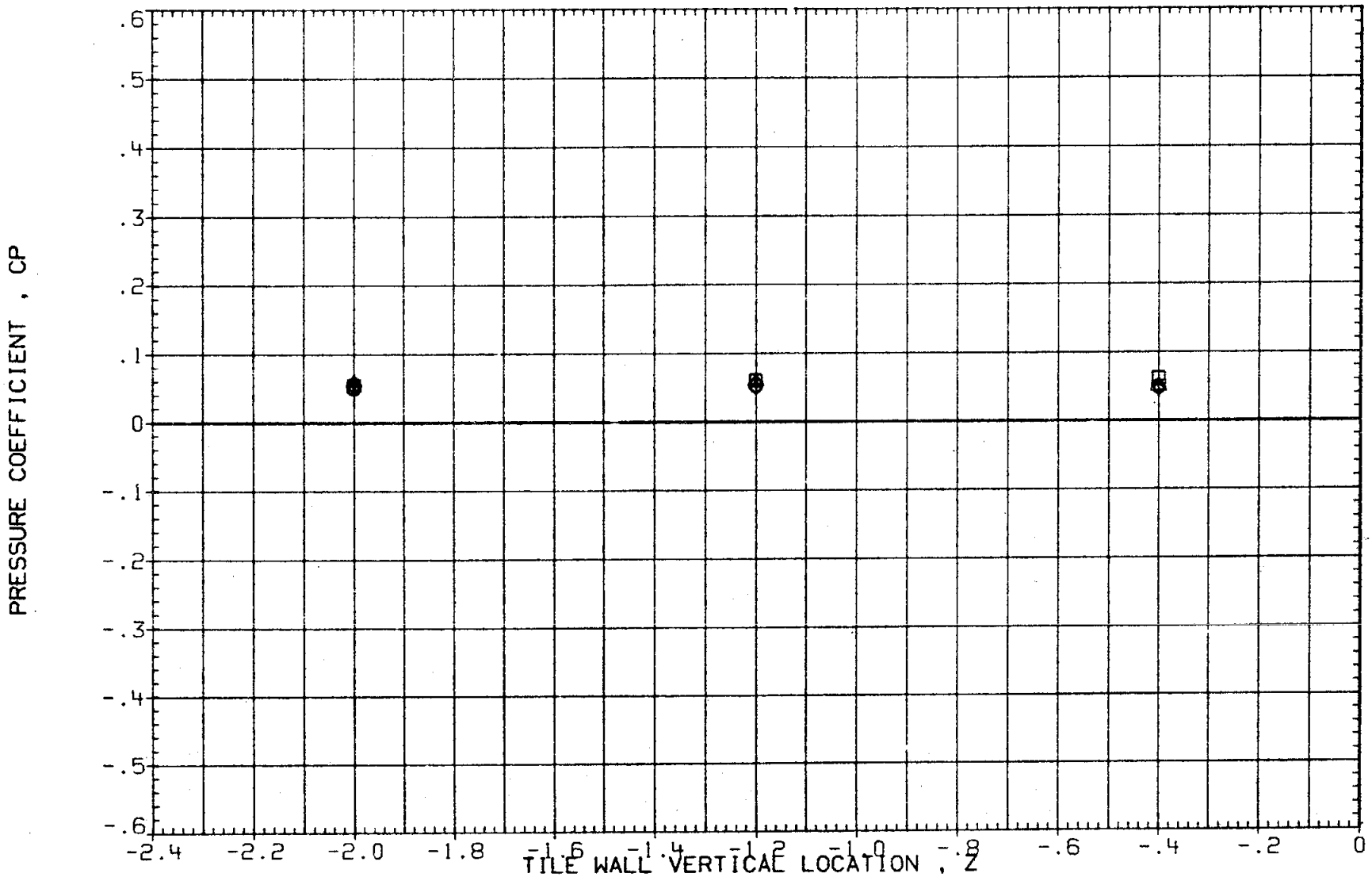


FIG. 55 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW41) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.430 | .898 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.388 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

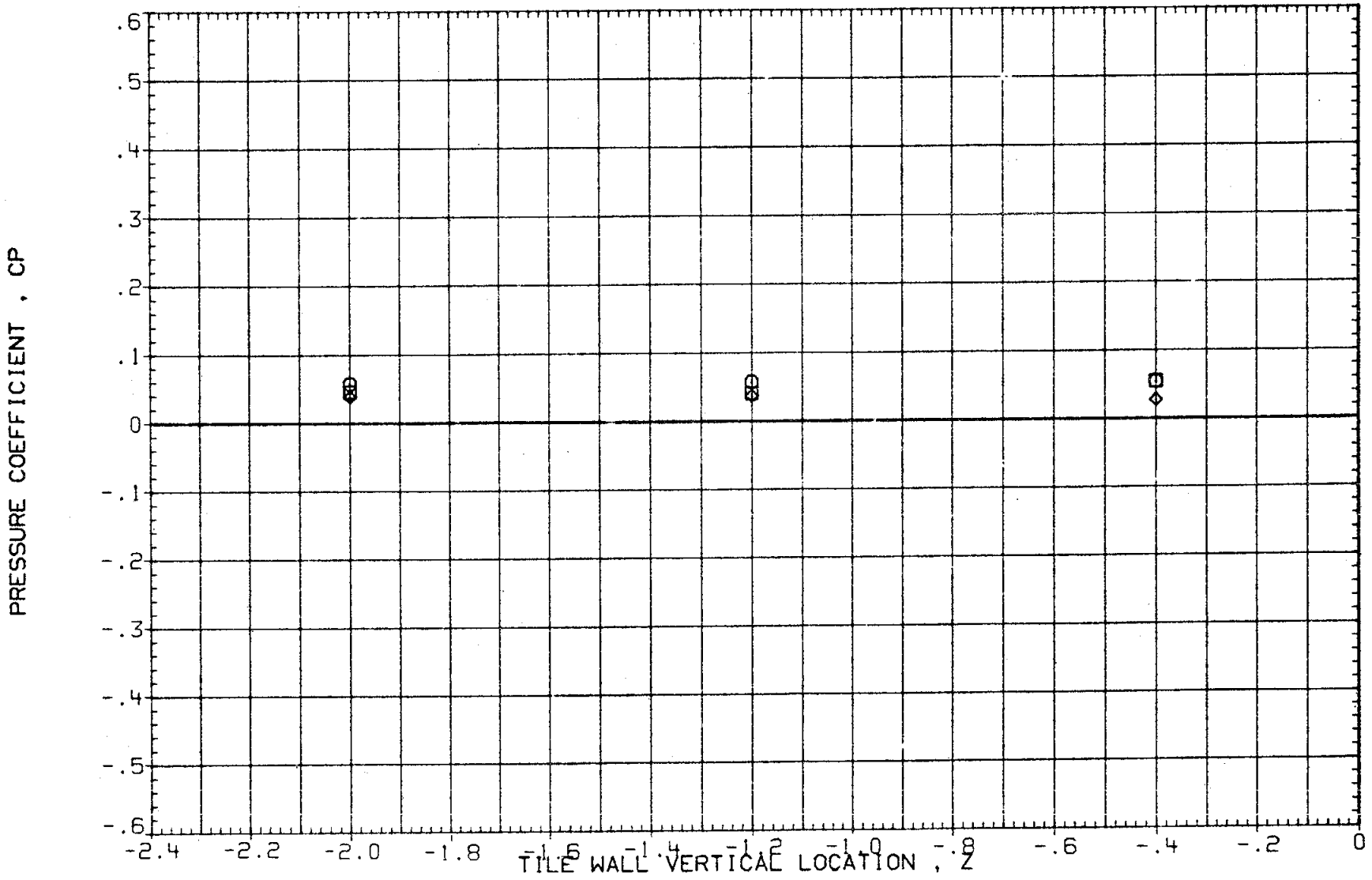


FIG. 55 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW41) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.430 | .898 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.388 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

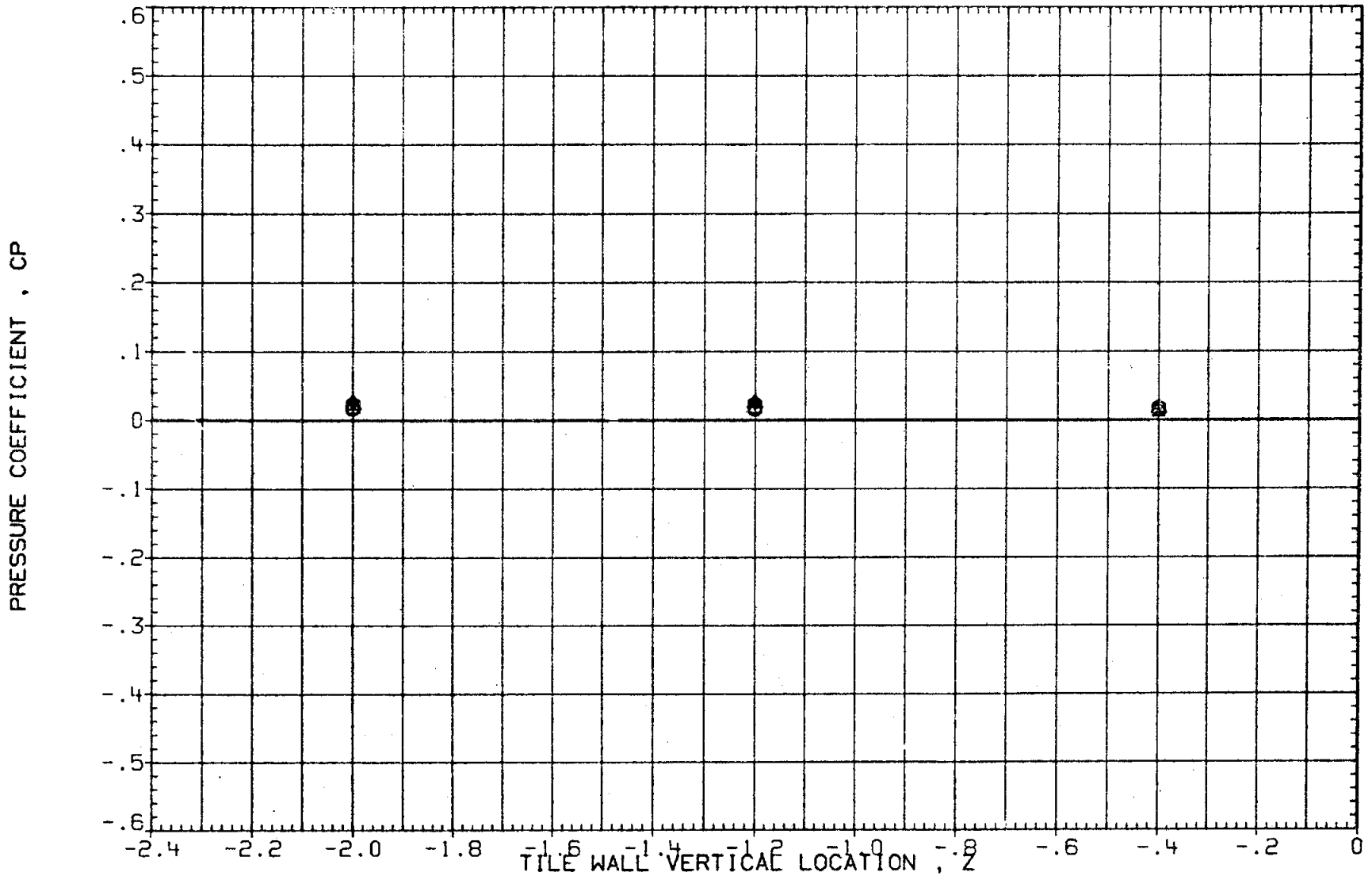


FIG. 55 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW41) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.430 | .898 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.388 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

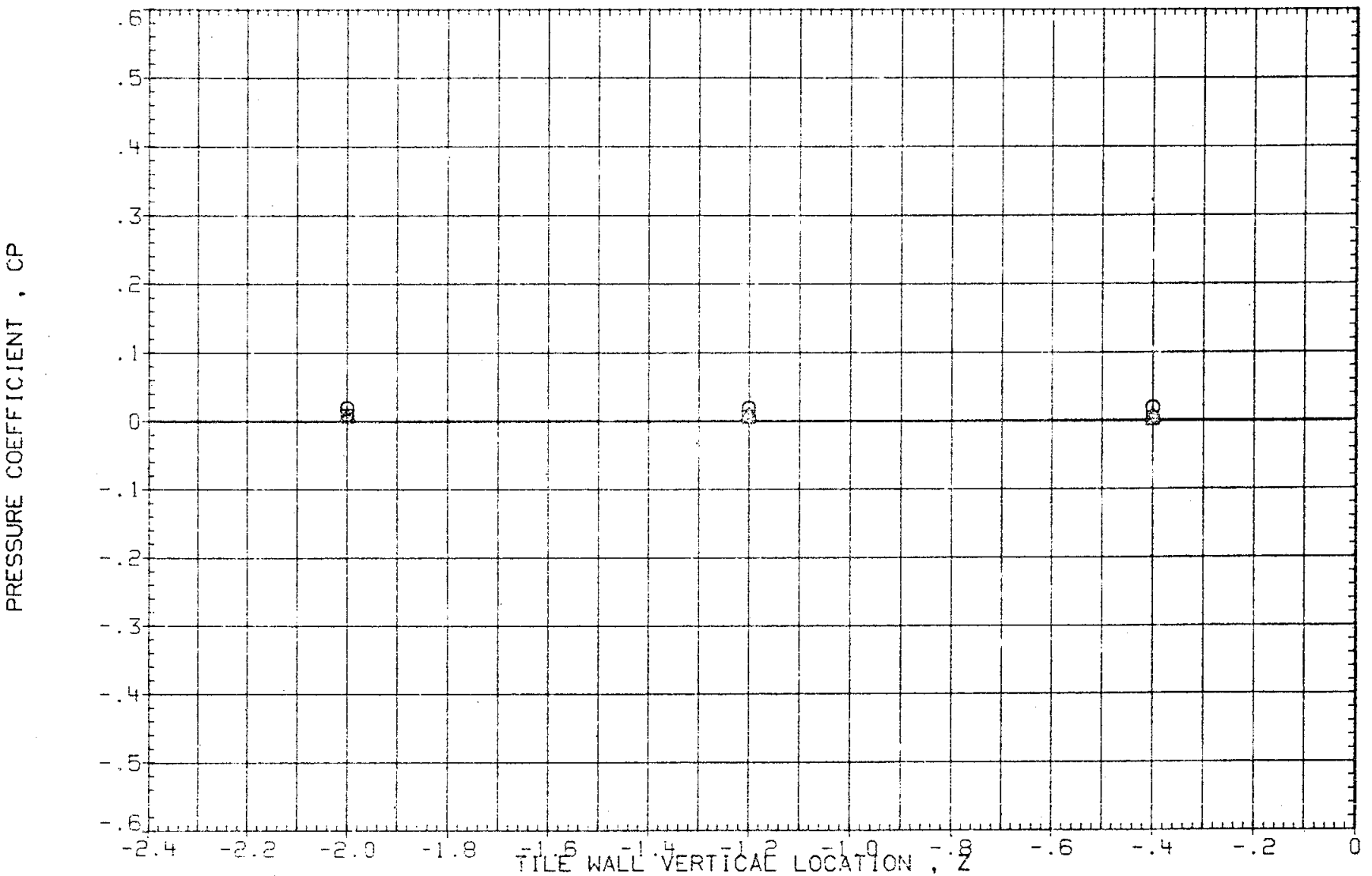


FIG. 55 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW41) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.430 | .898 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.389 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

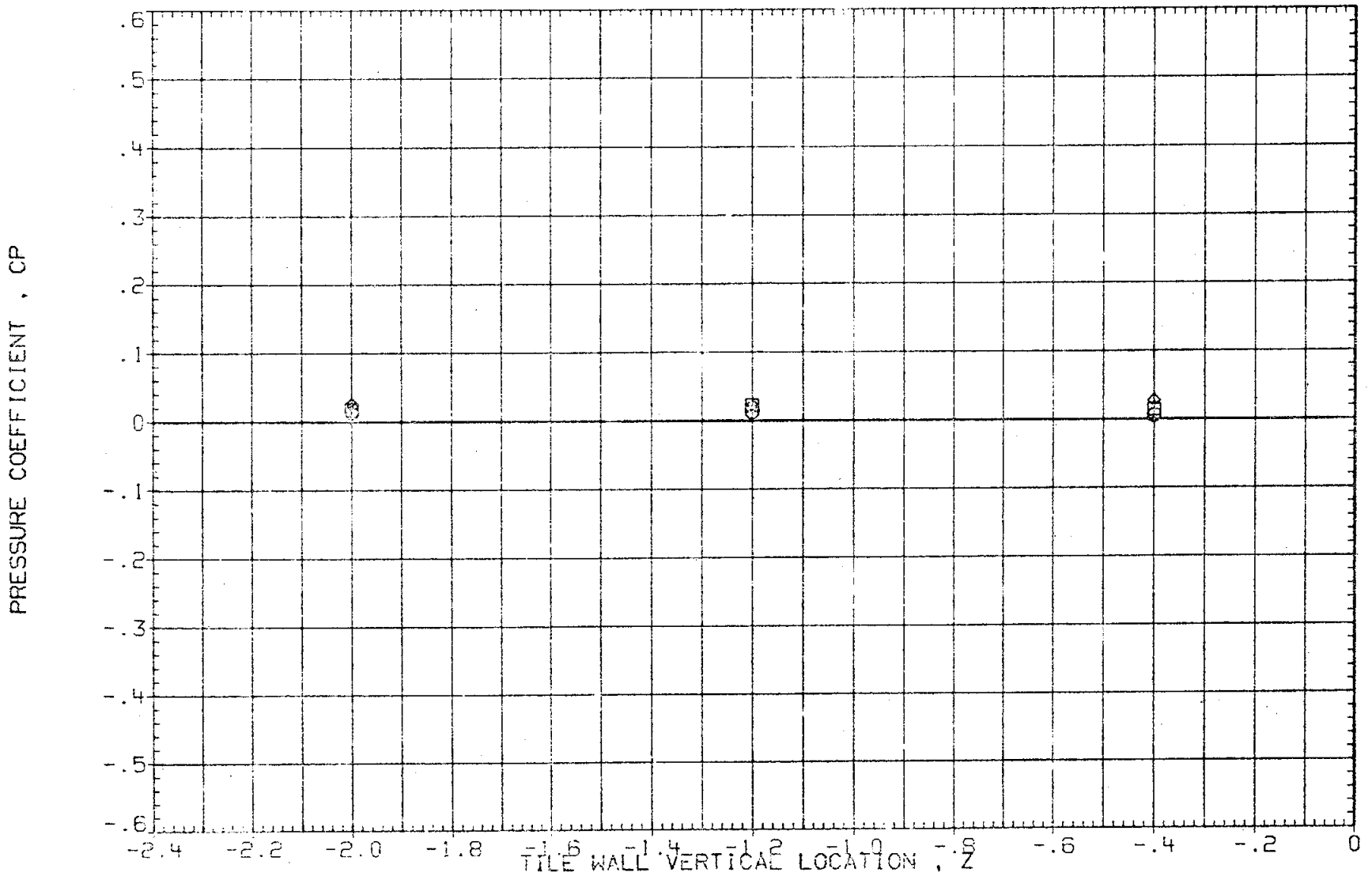


FIG. 55 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL OUT, RN/FT = 4 5

DATE 13 JUN 80

(R3TW41) 0A-252 ( P90+A-S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.430 | .899 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.389 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

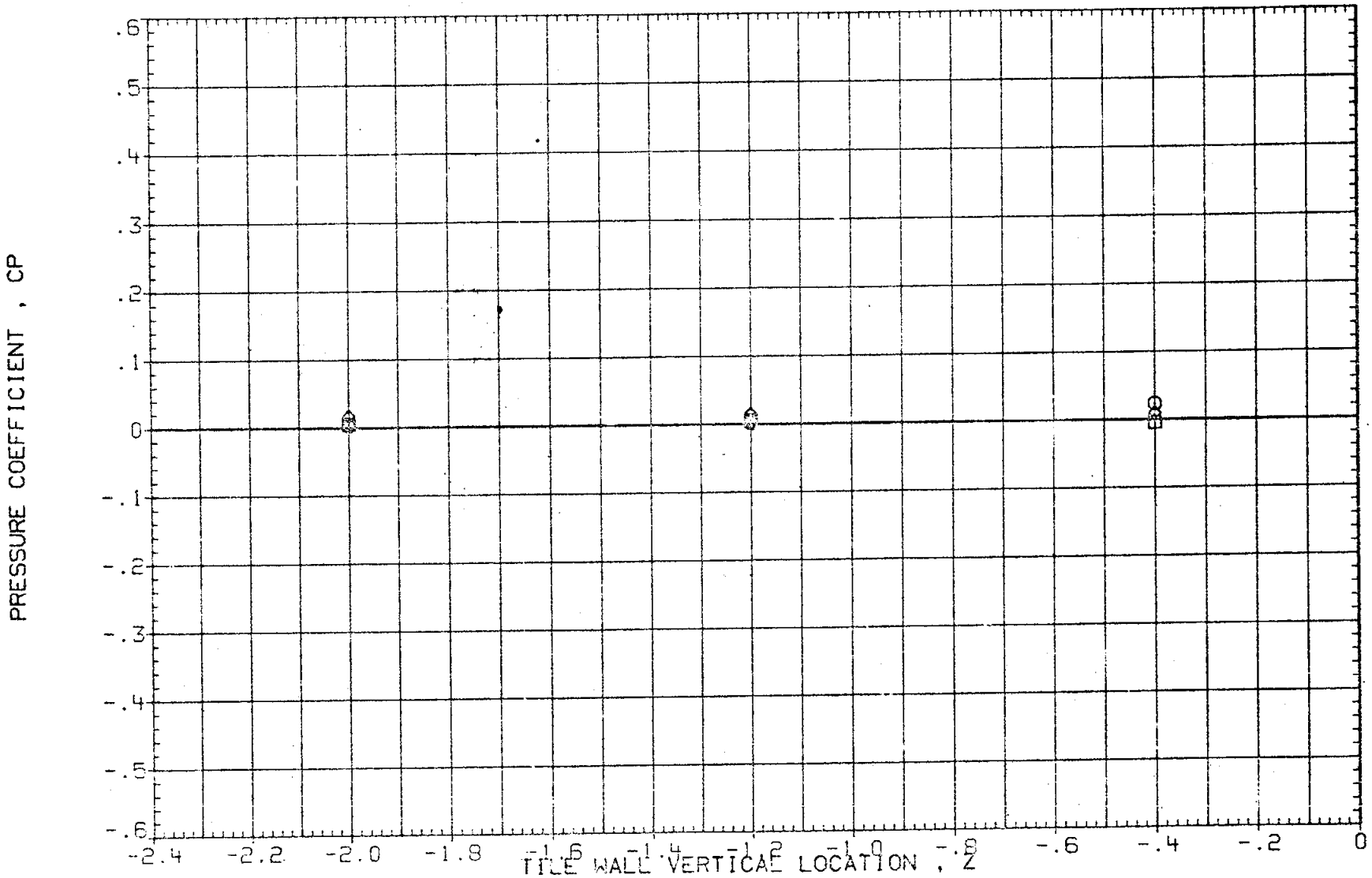


FIG. 55 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

(R3TW41) OA-252 ( P90+A+S ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.430 | .800 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| ◁ | 31.000 | | |
| △ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.398 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

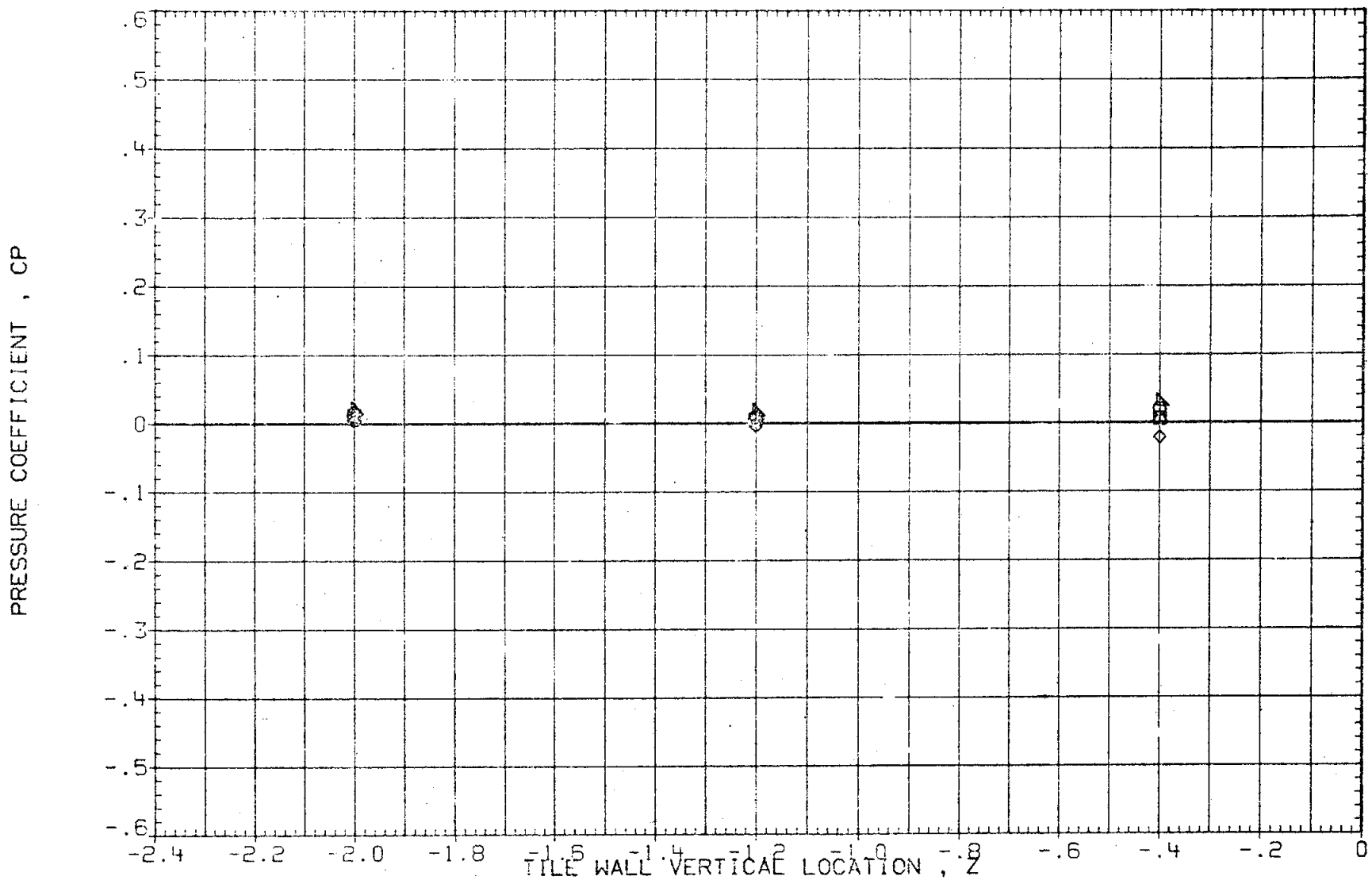


FIG. 55 GAP PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

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(R3TW43) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.581 | .898 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ◁ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

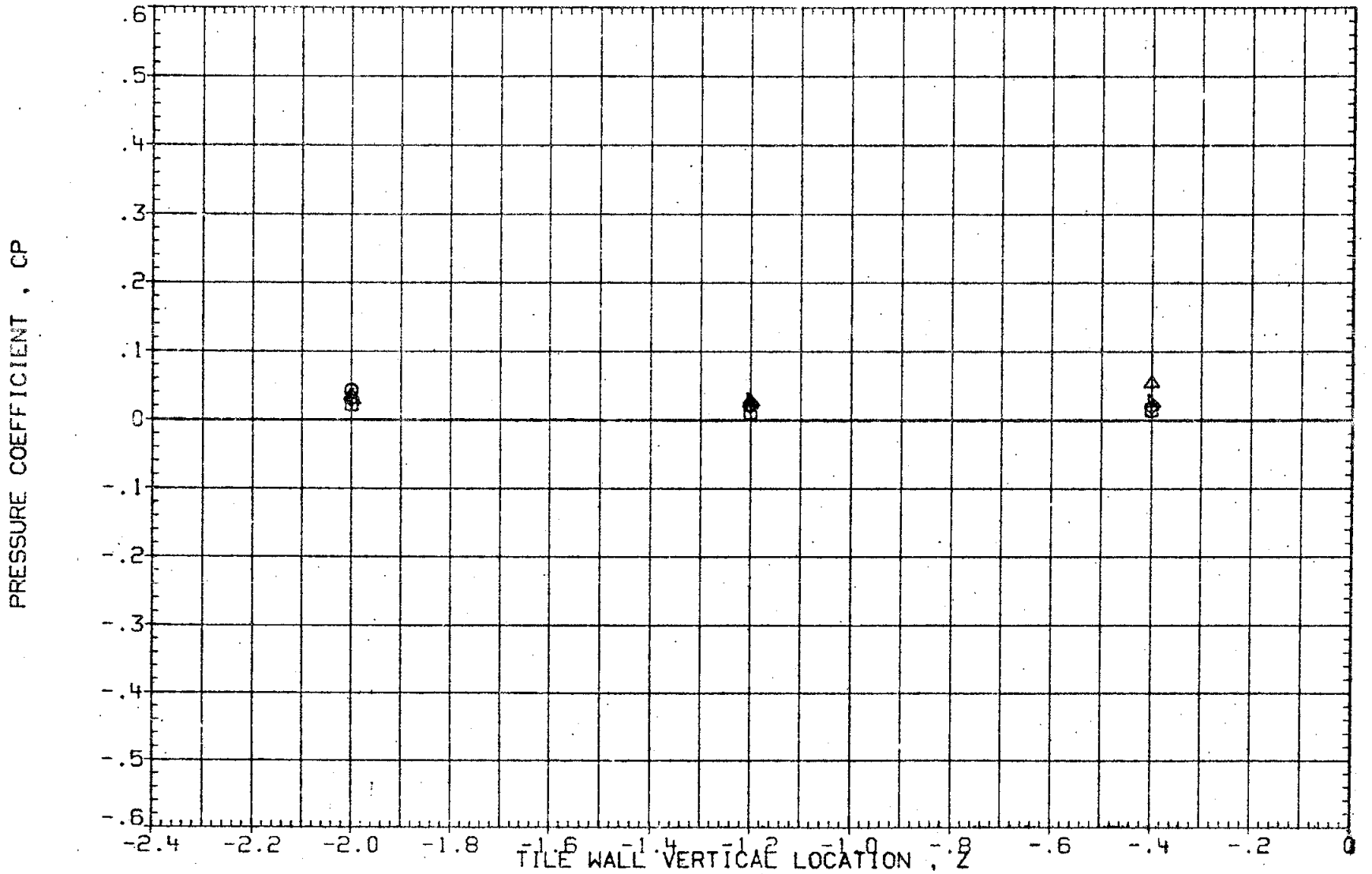


FIG. 64 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW43) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.581 | .898 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

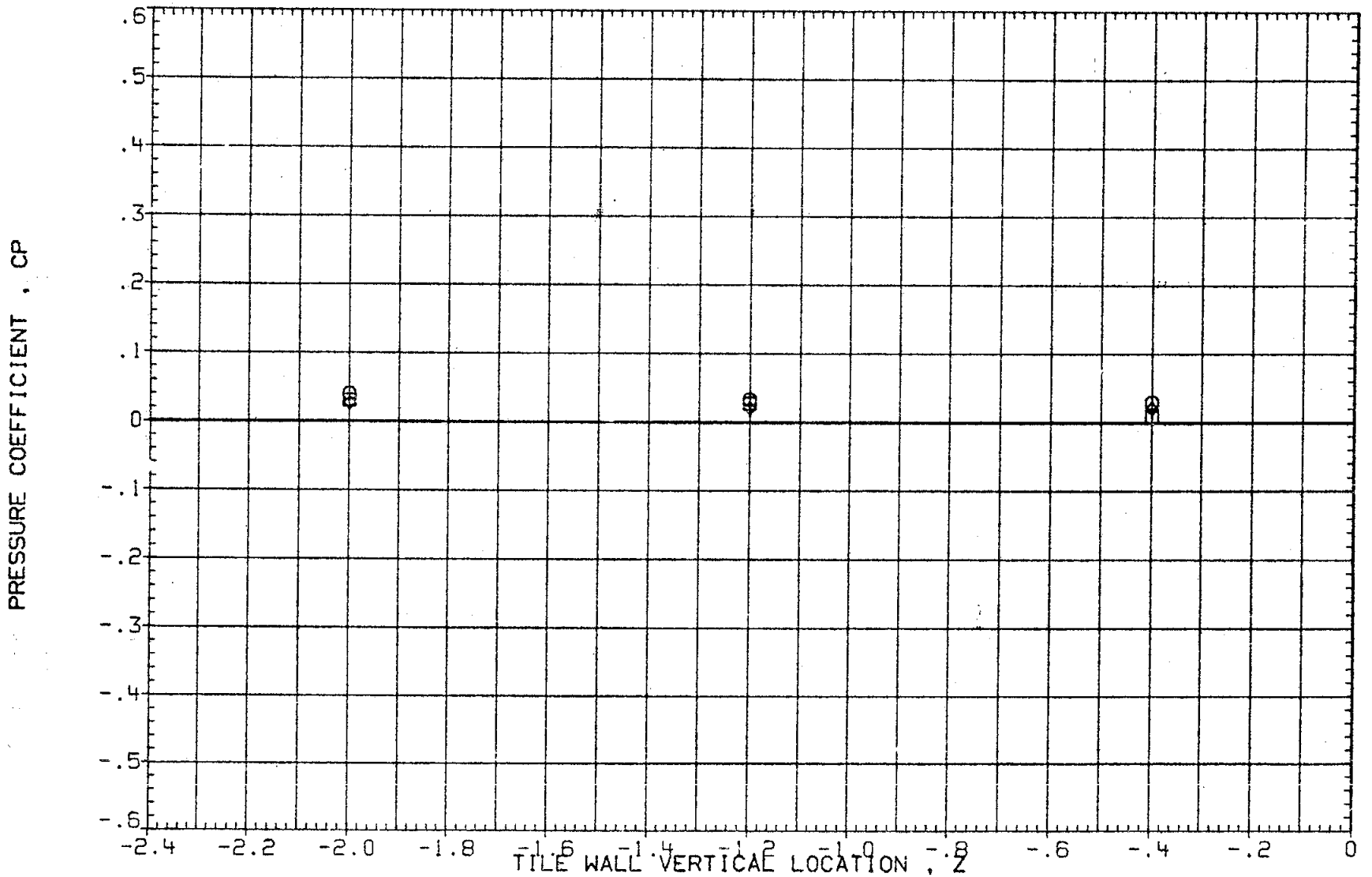


FIG. 64 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW43) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.581 | .898 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

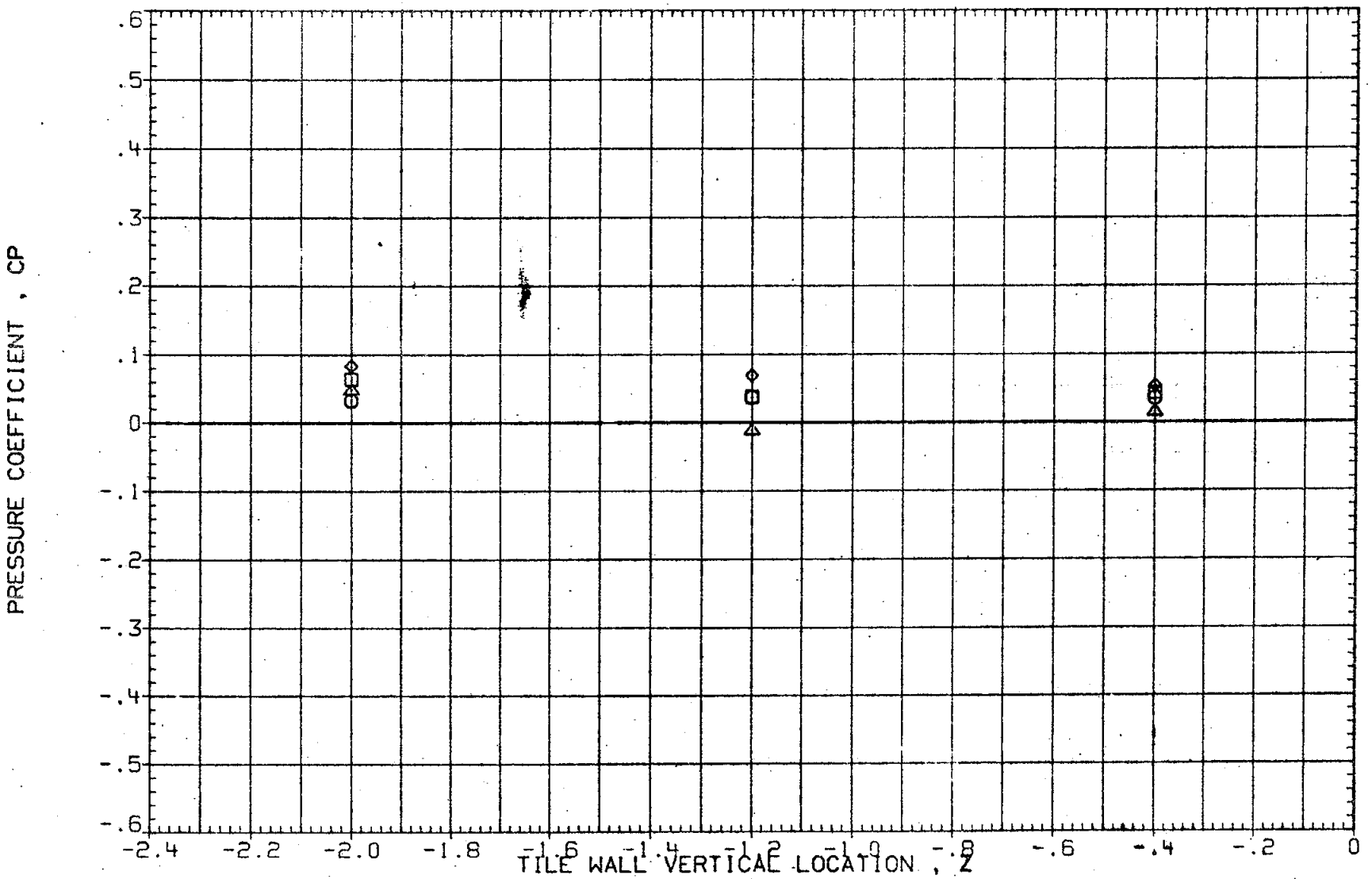


FIG. 64 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW43) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.581 | .898 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

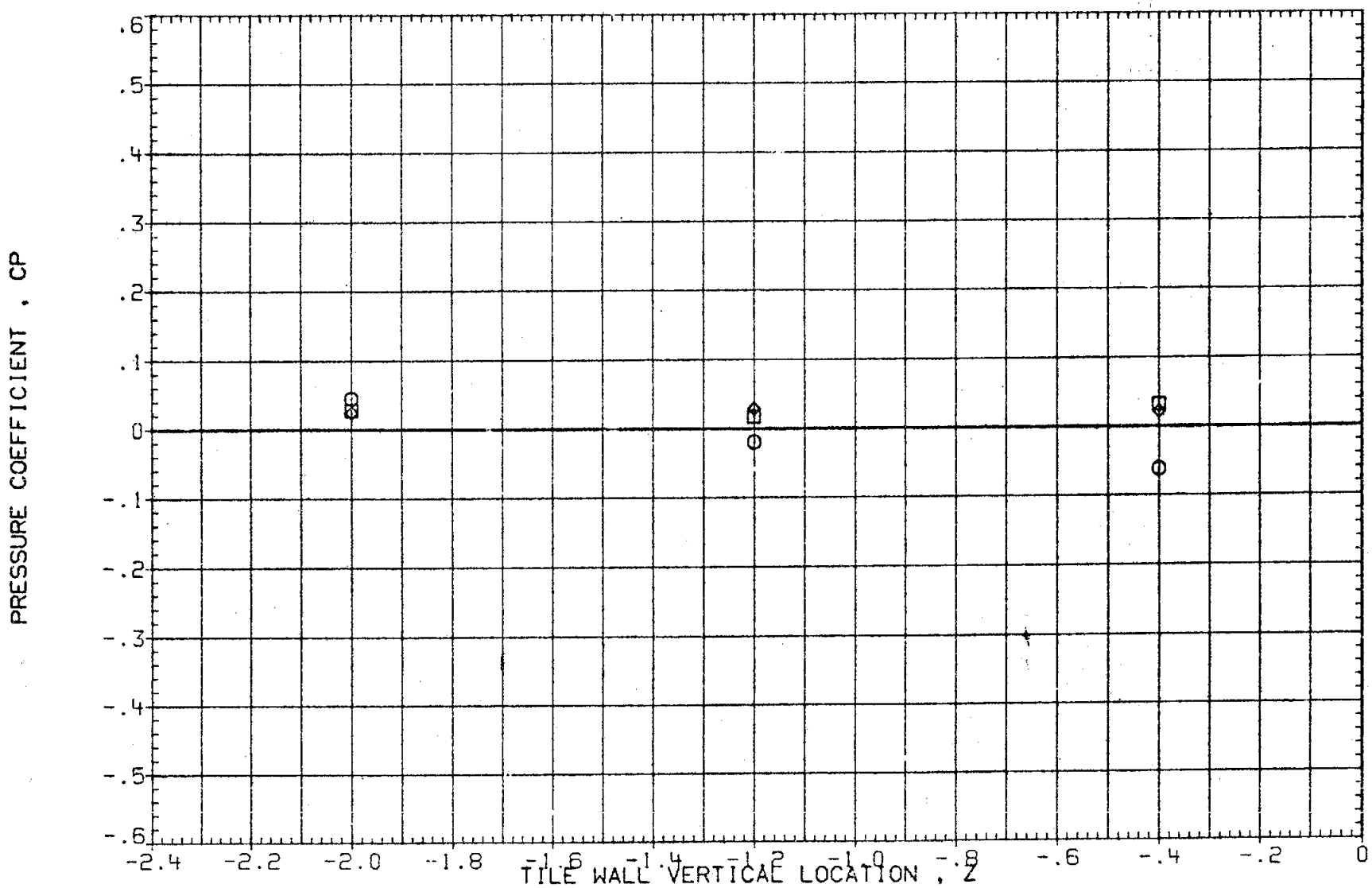


FIG. 64 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW43) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.581 | .898 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

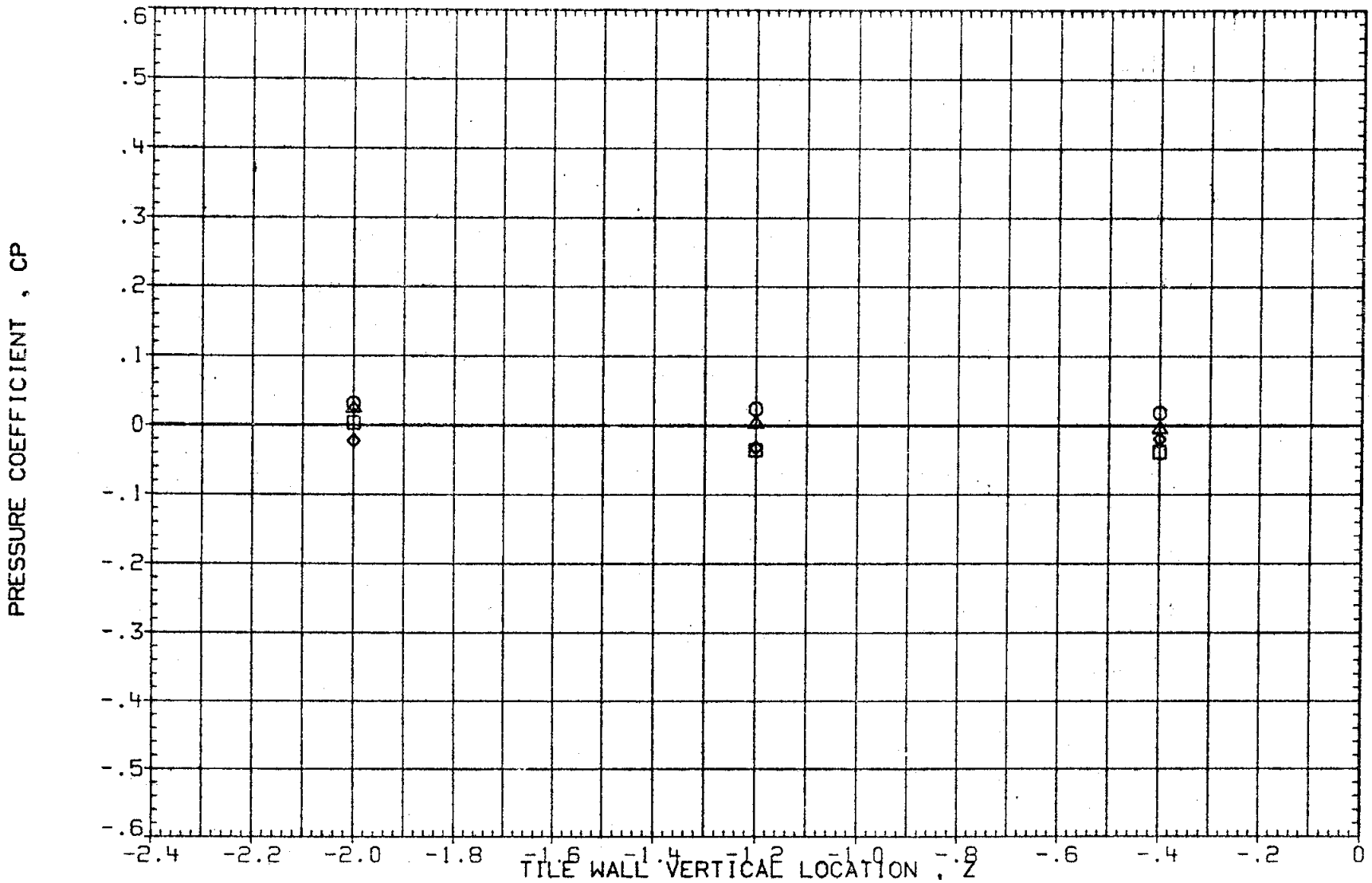


FIG. 64 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW43) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.581 | .898 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

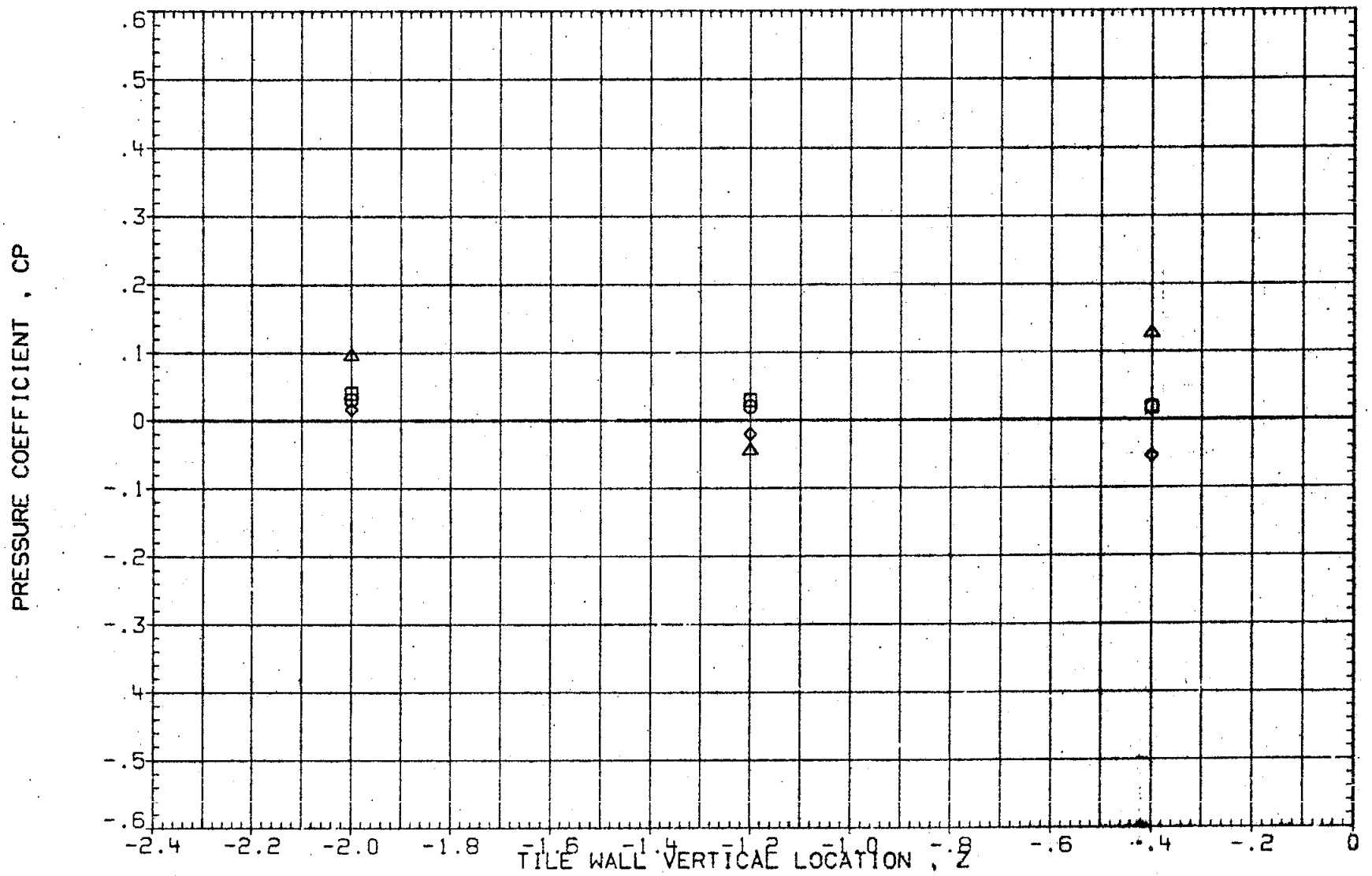


FIG. 64 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW43) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.581 | .898 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

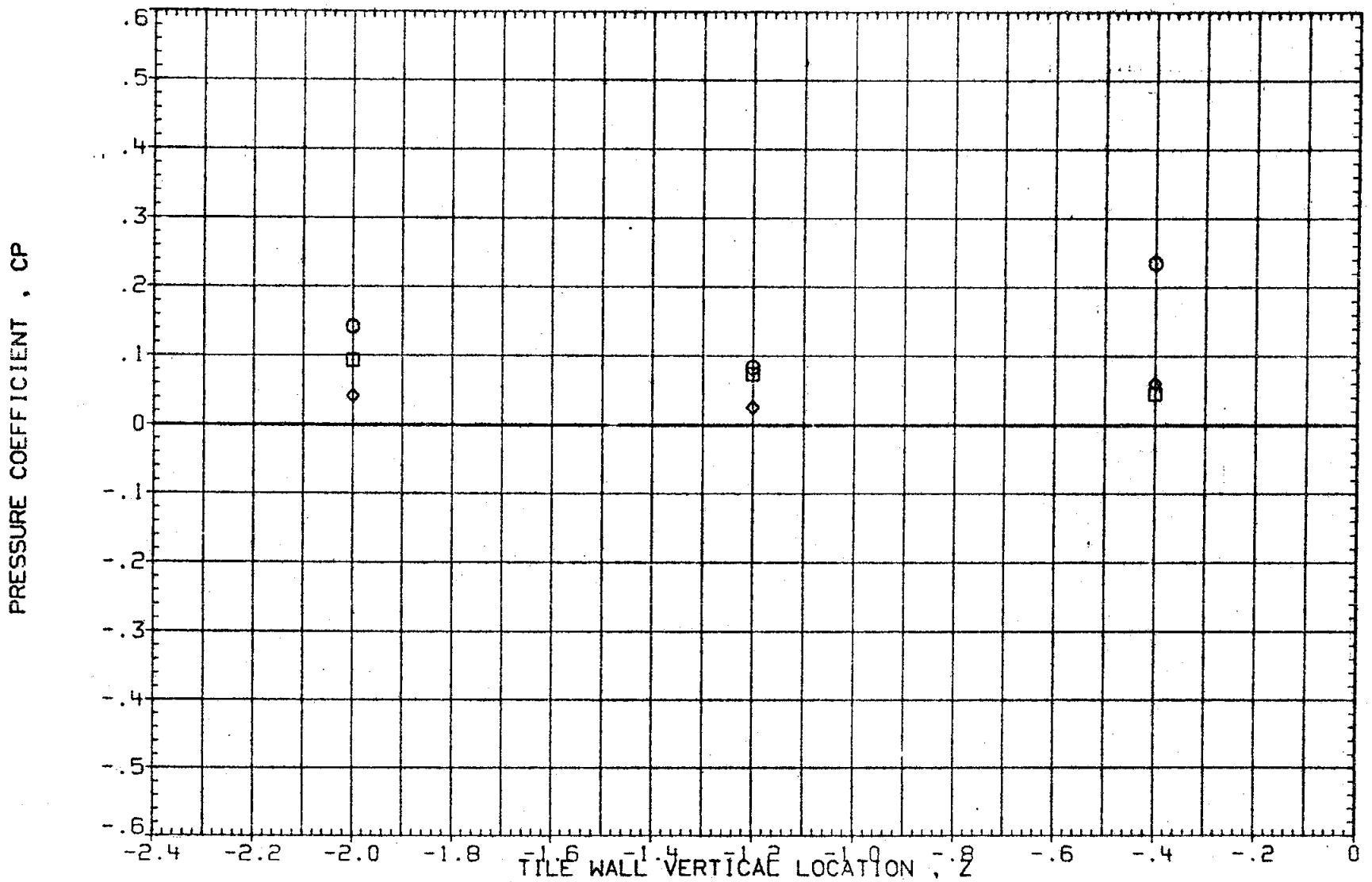


FIG. 64 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE- 13 JUN 80

(R3TW43) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.581 | .898 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

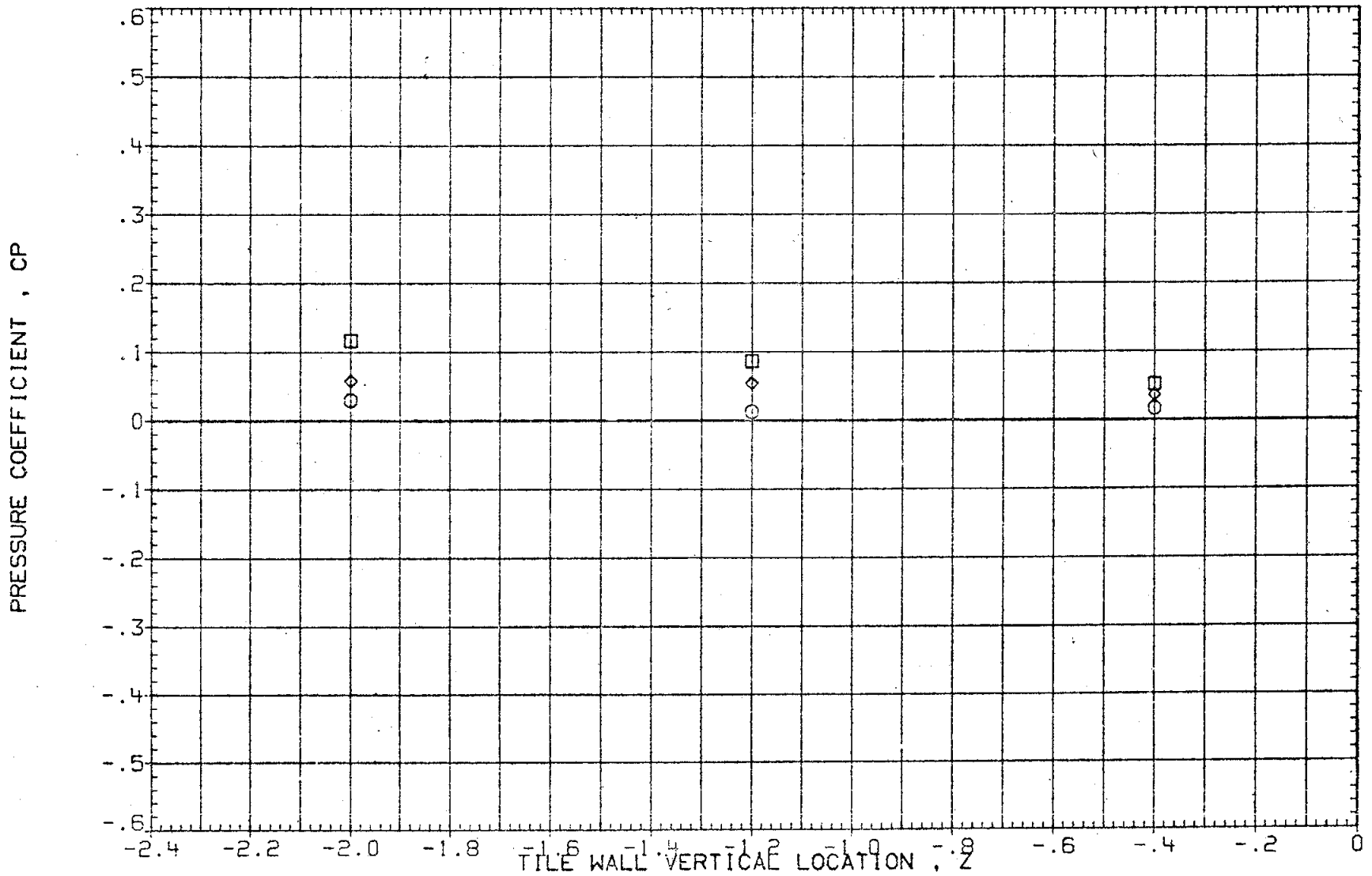


FIG. 64 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW43) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ◇ | 32.000 | 4.581 | .898 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| ○ | 31.000 | | |
| △ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

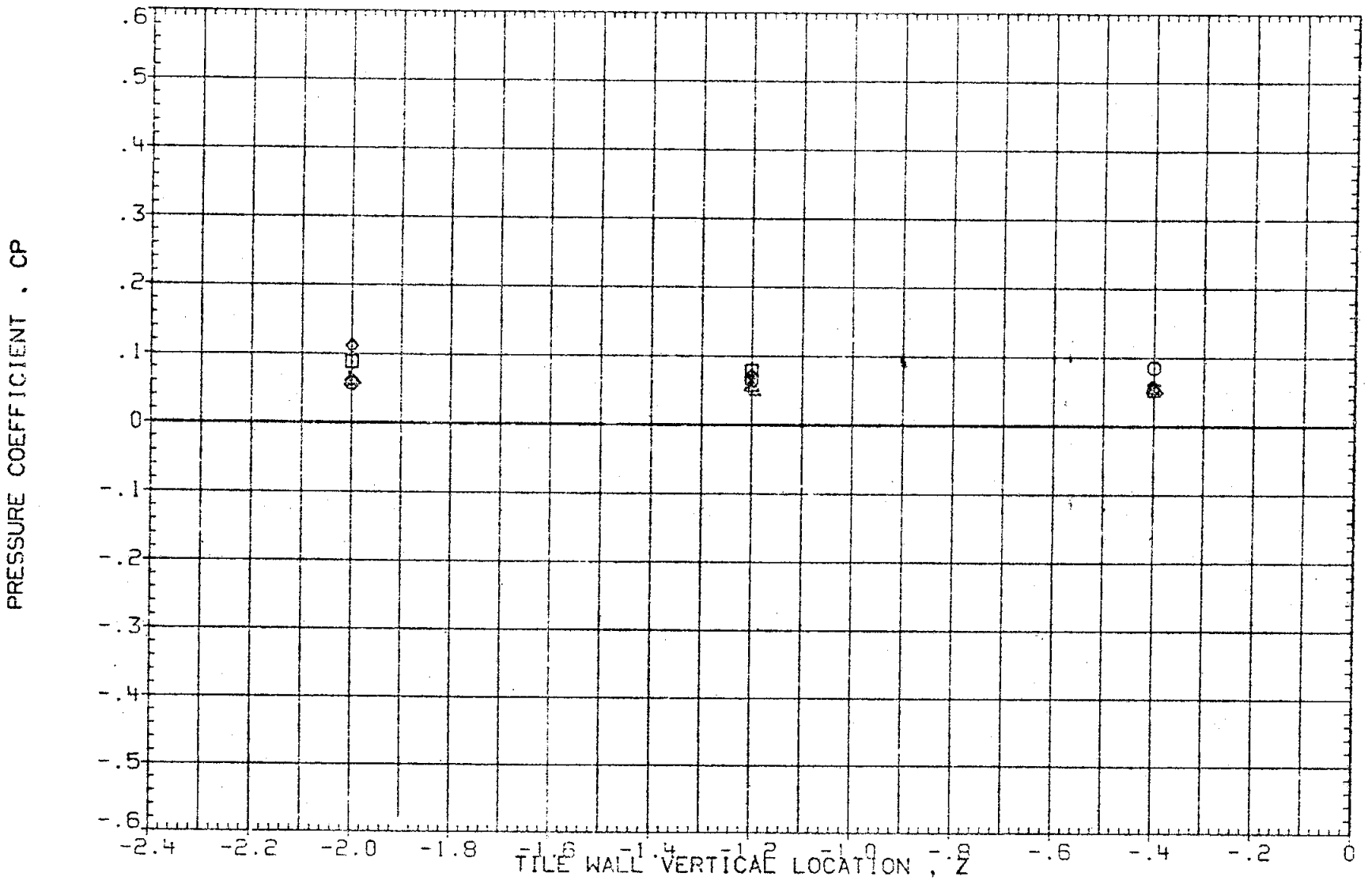


FIG. 64 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW44) OA-252 ( PS0 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.528 | .900 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| ▷ | 5.000 | | |
| ◁ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

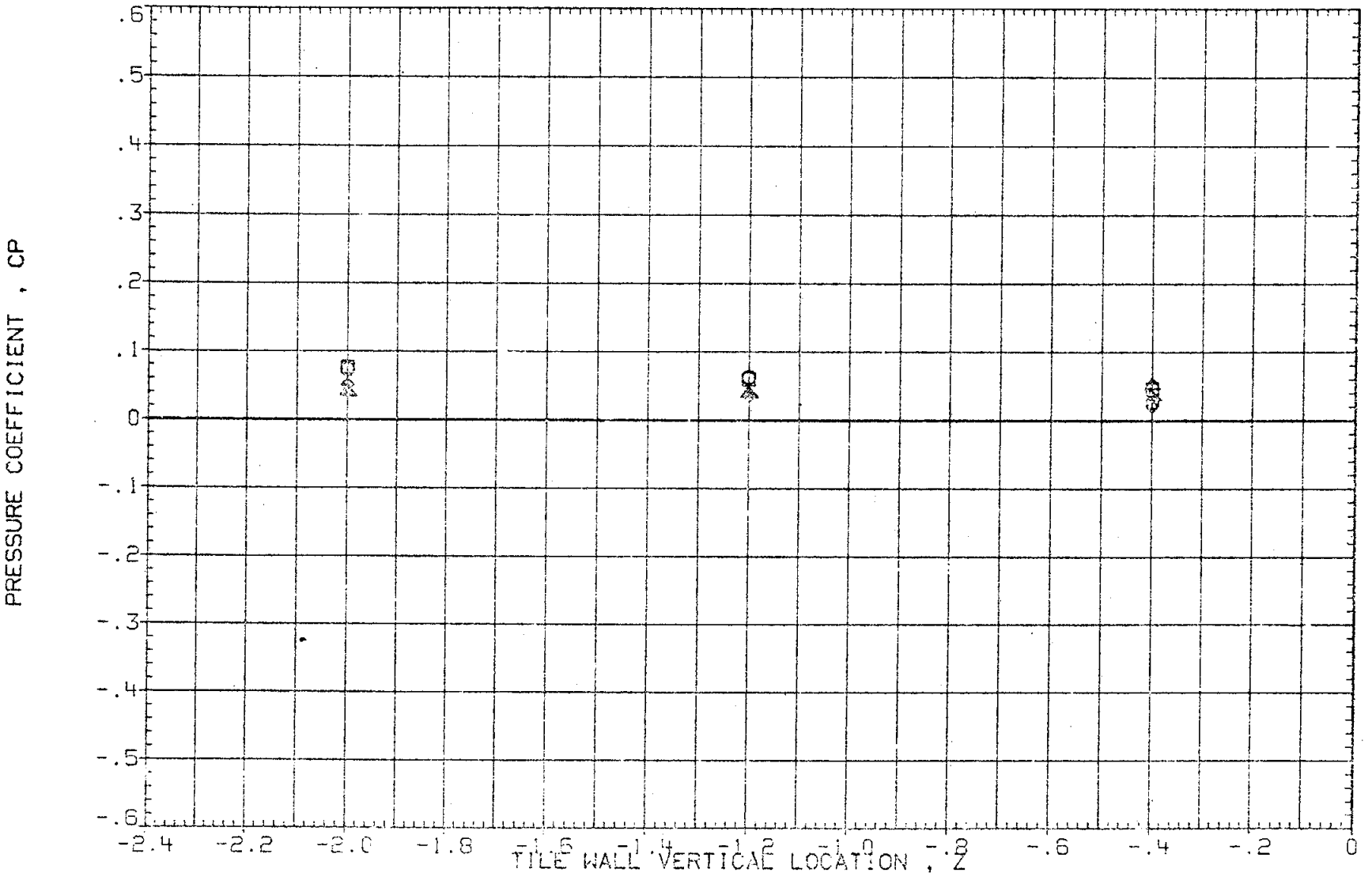


FIG. 65 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP. WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW44) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.528 | .900 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

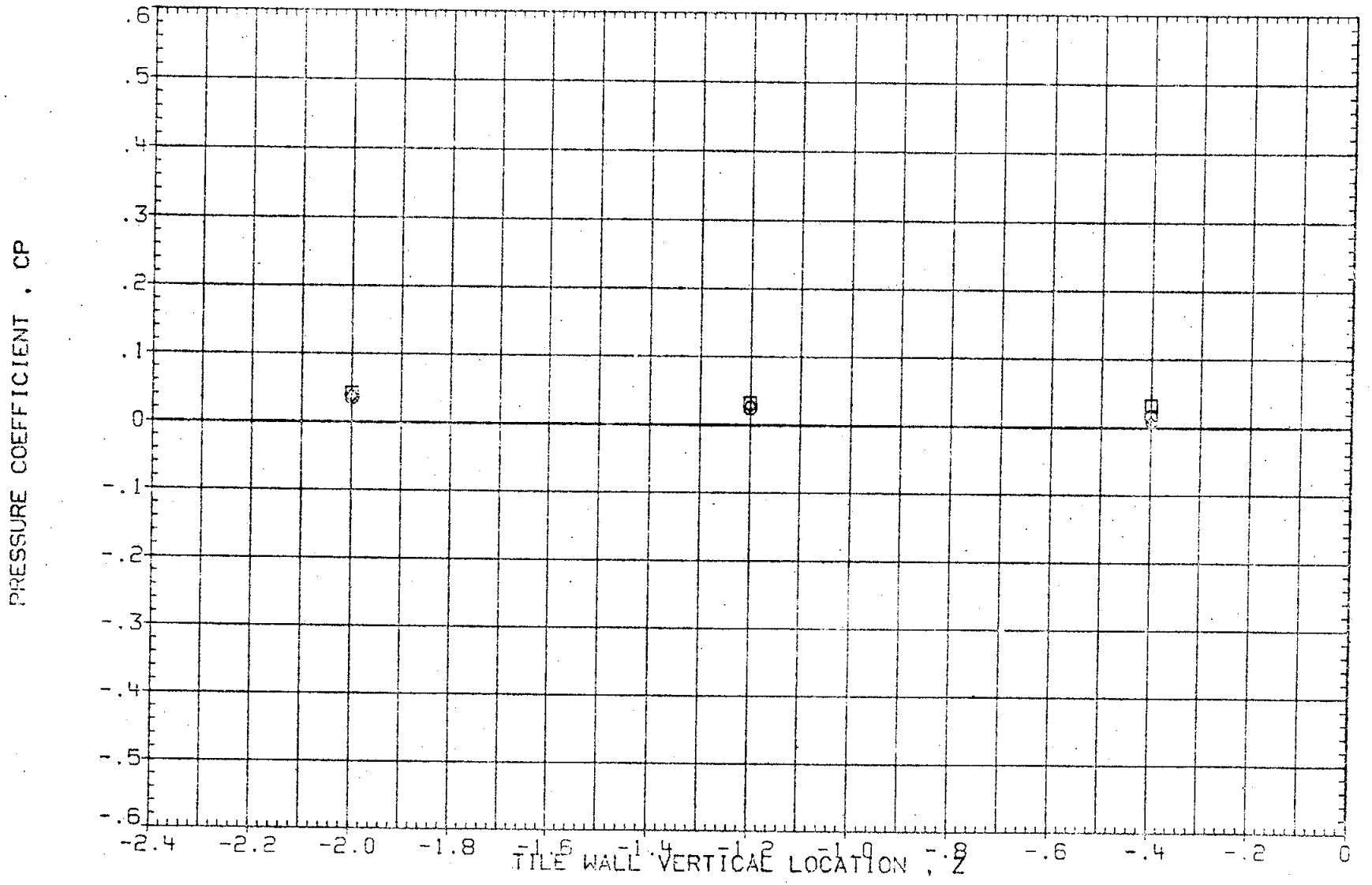


FIG. 65 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW44) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.528 | .900 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

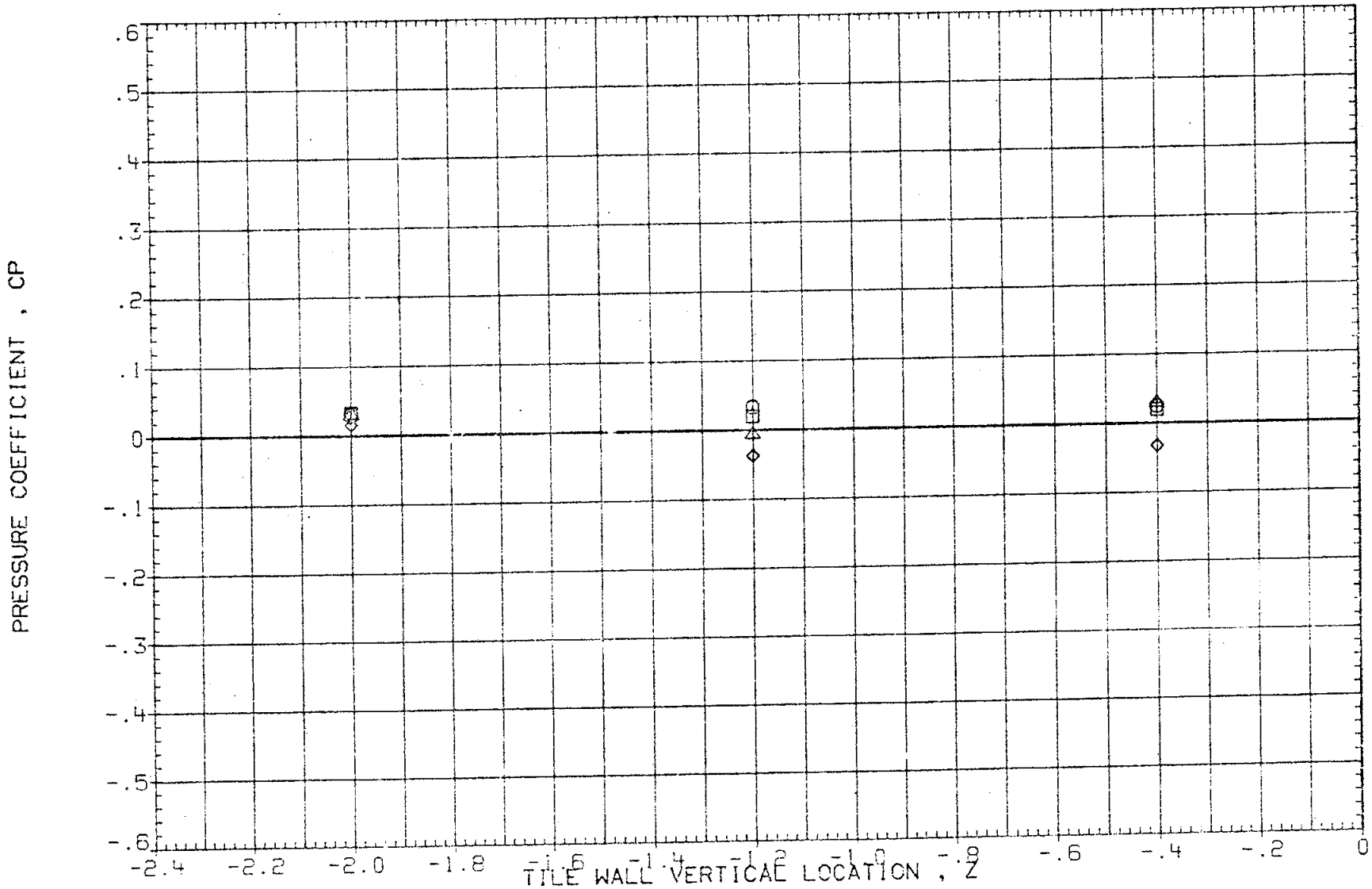


FIG. 65 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW44) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.528 | .900 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

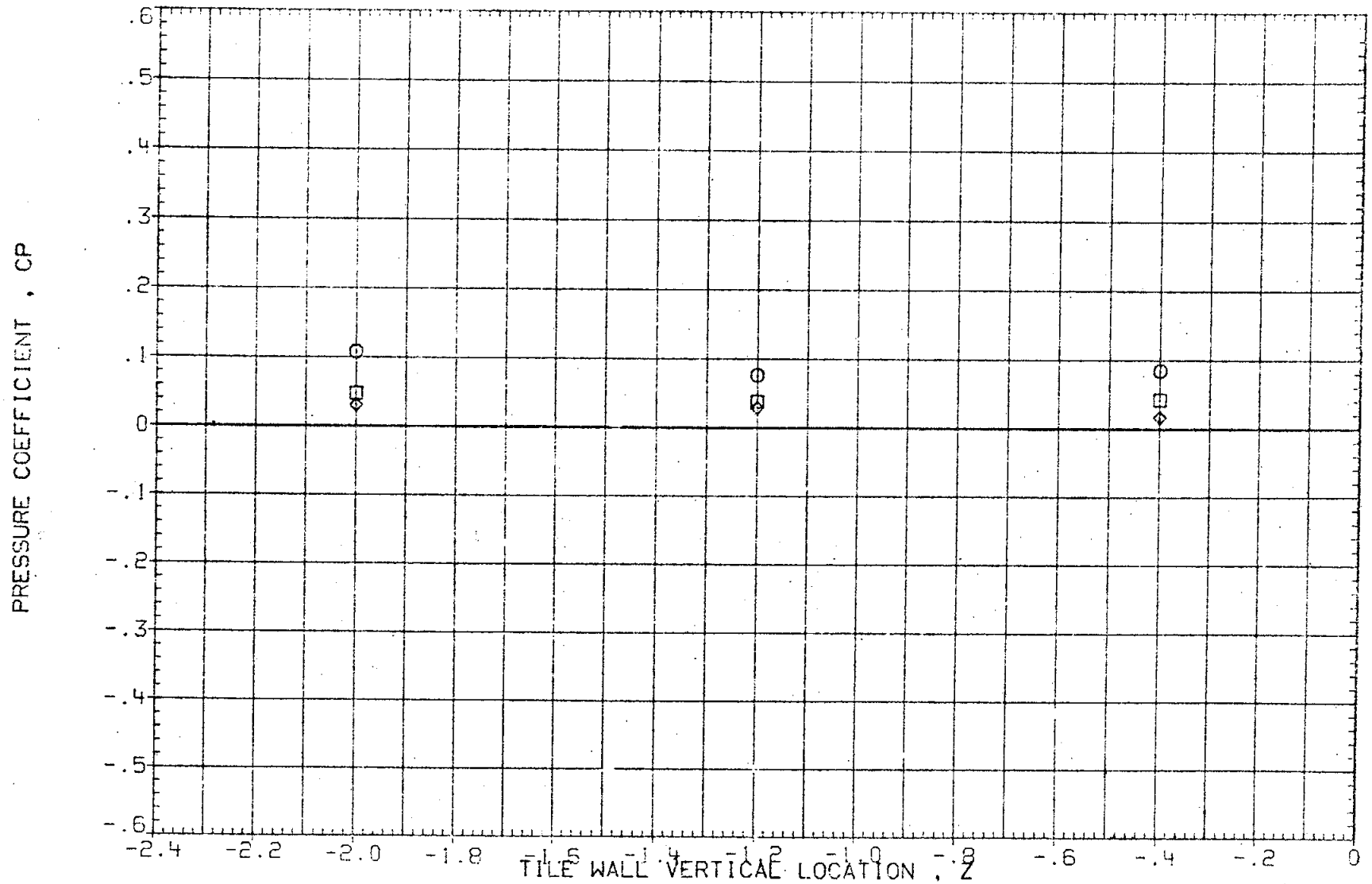


FIG. 65 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW44) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.528 | .900 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

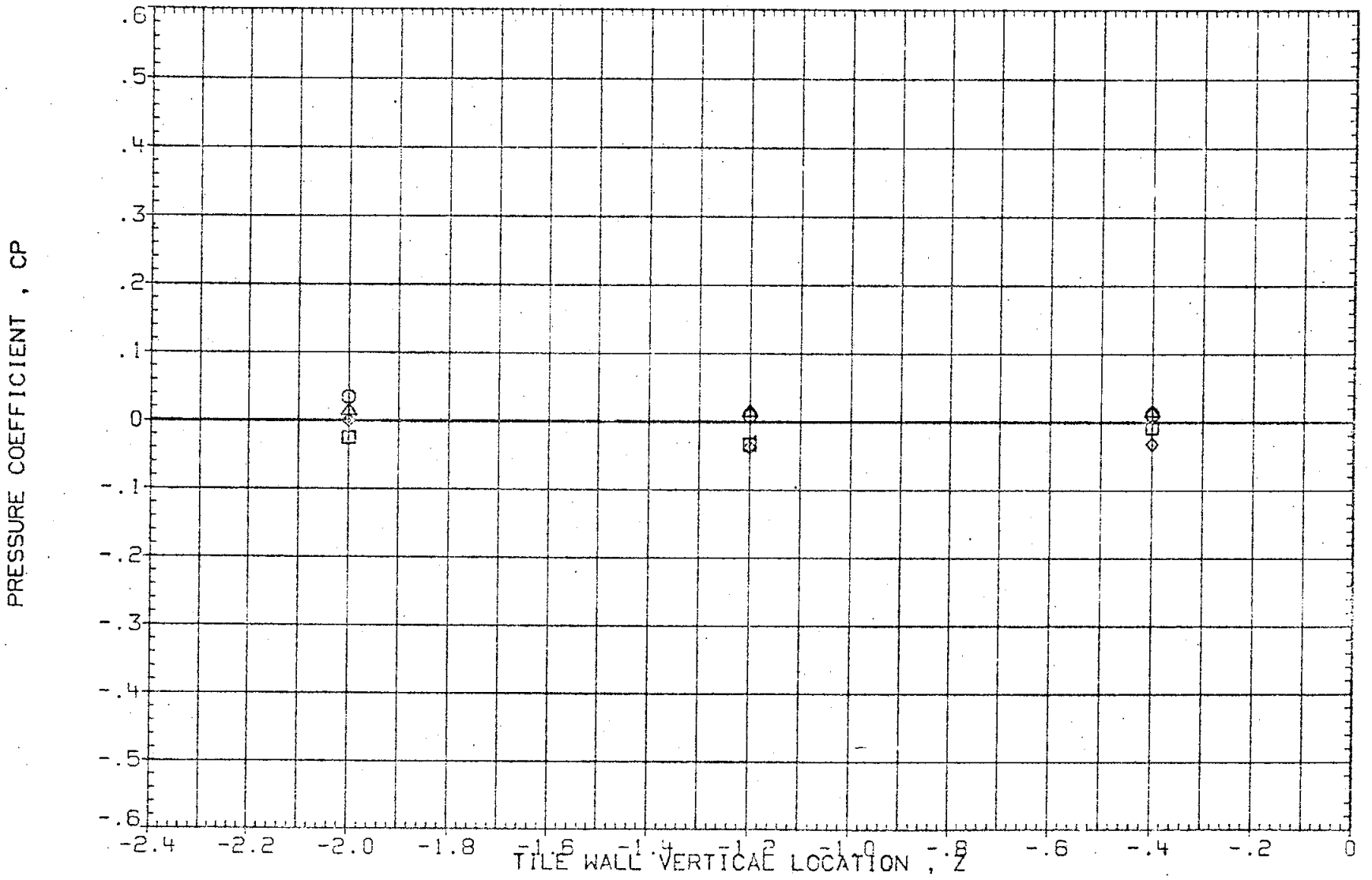


FIG. 65 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW44) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.528 | .900 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

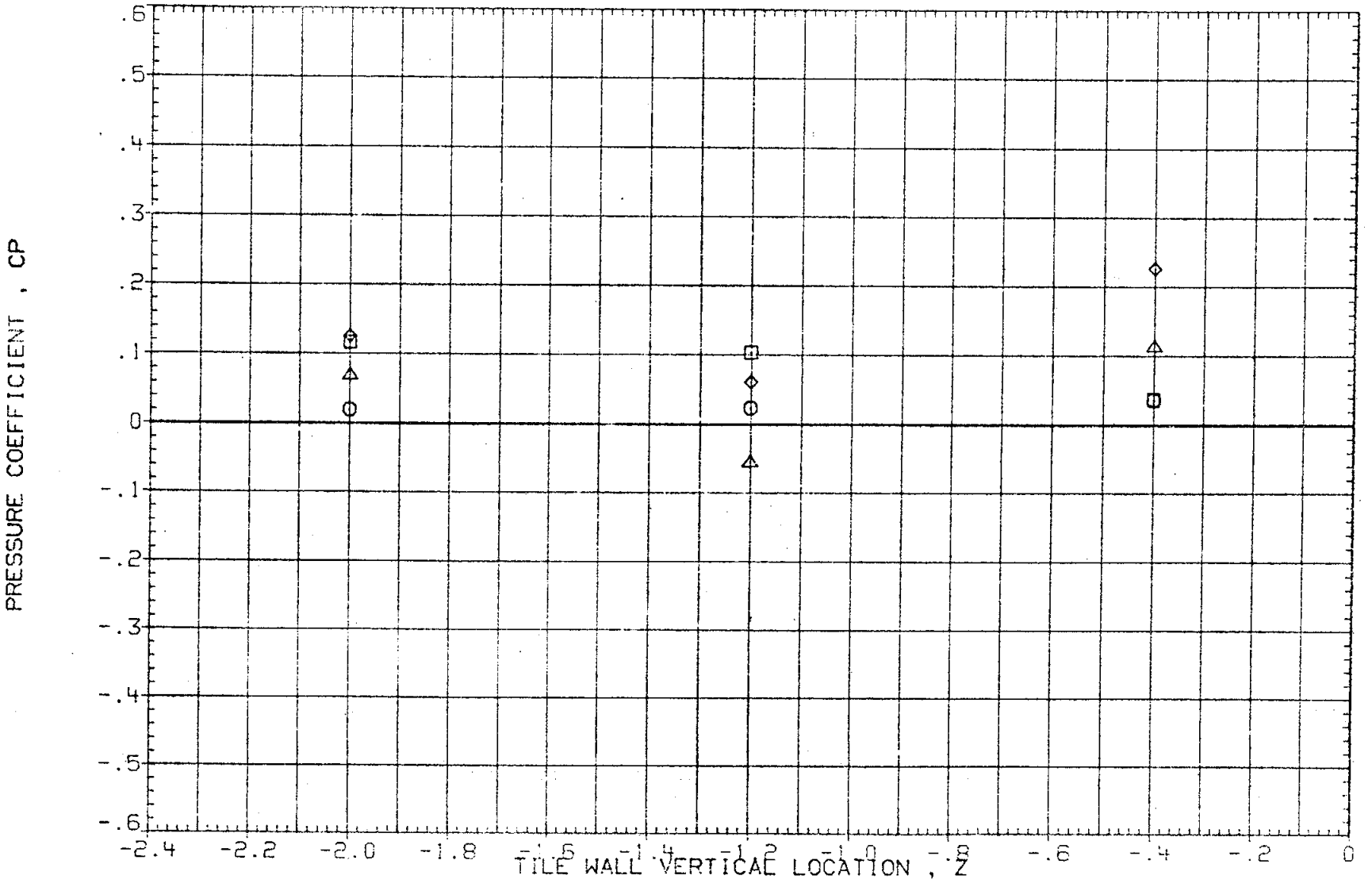


FIG. 65 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW44) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.528 | .900 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

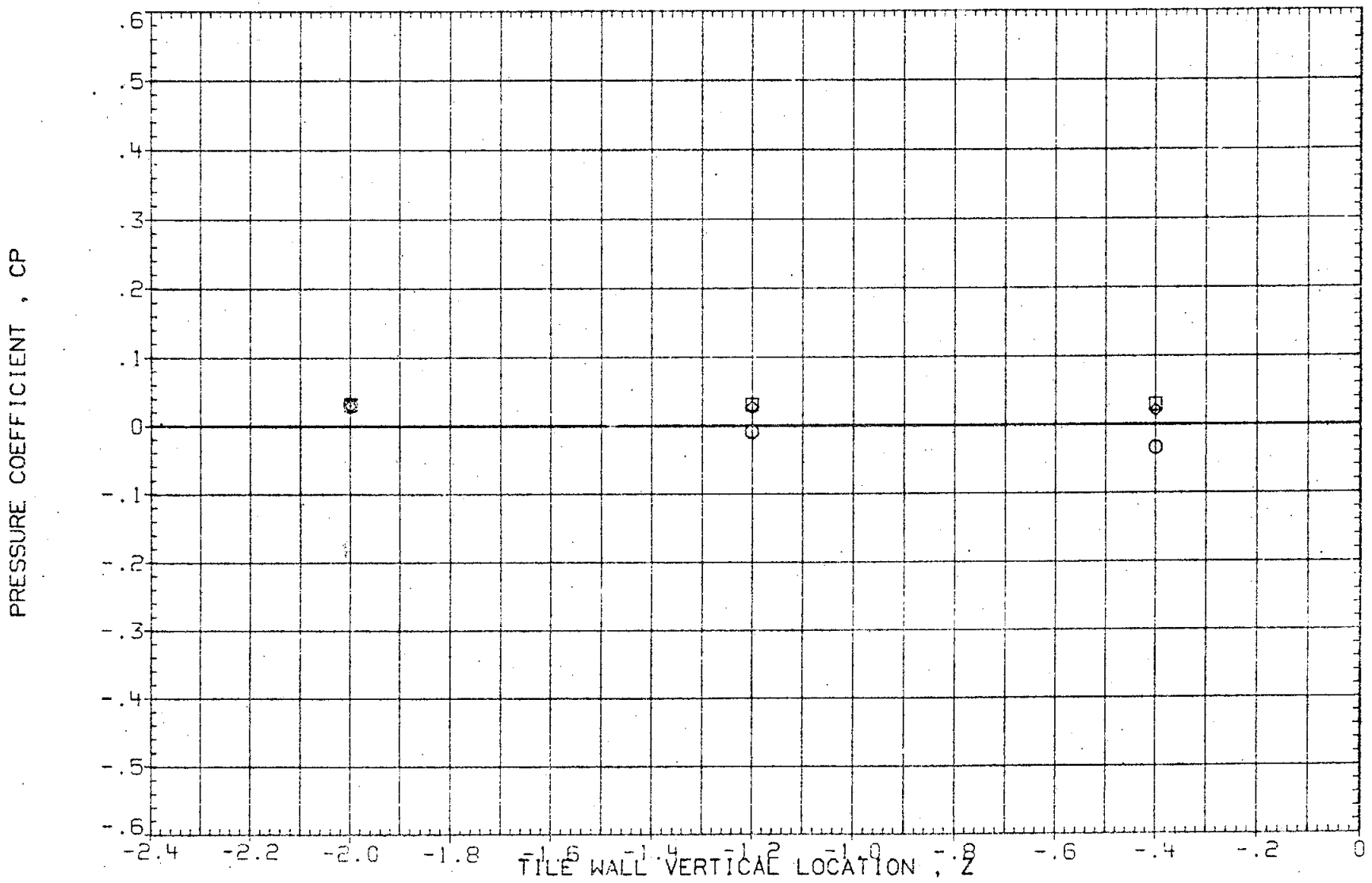


FIG. 65 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW44) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.528 | .900 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | .020 | | |

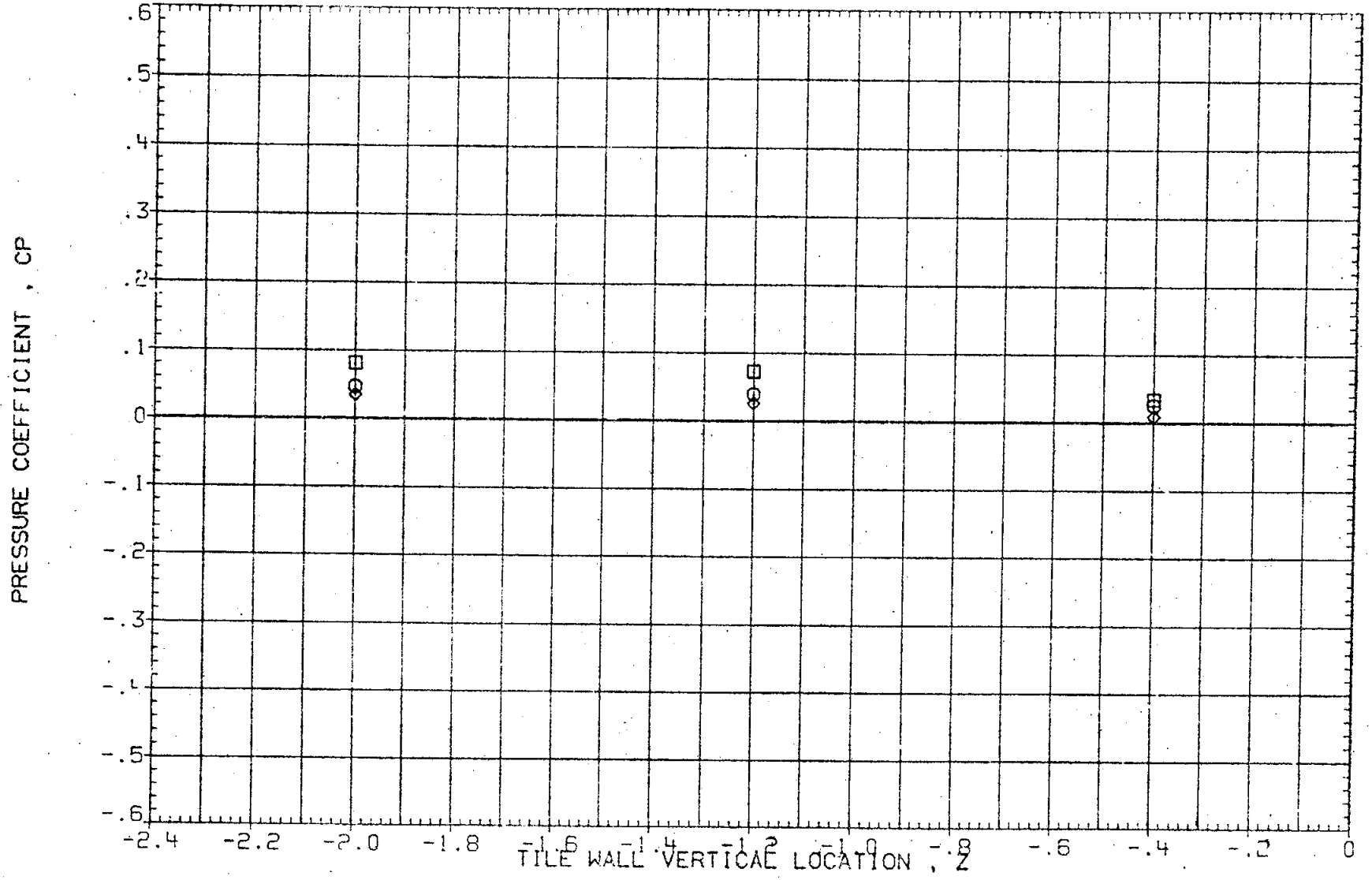


FIG. 65 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW44) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.528 | .900 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ▷ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

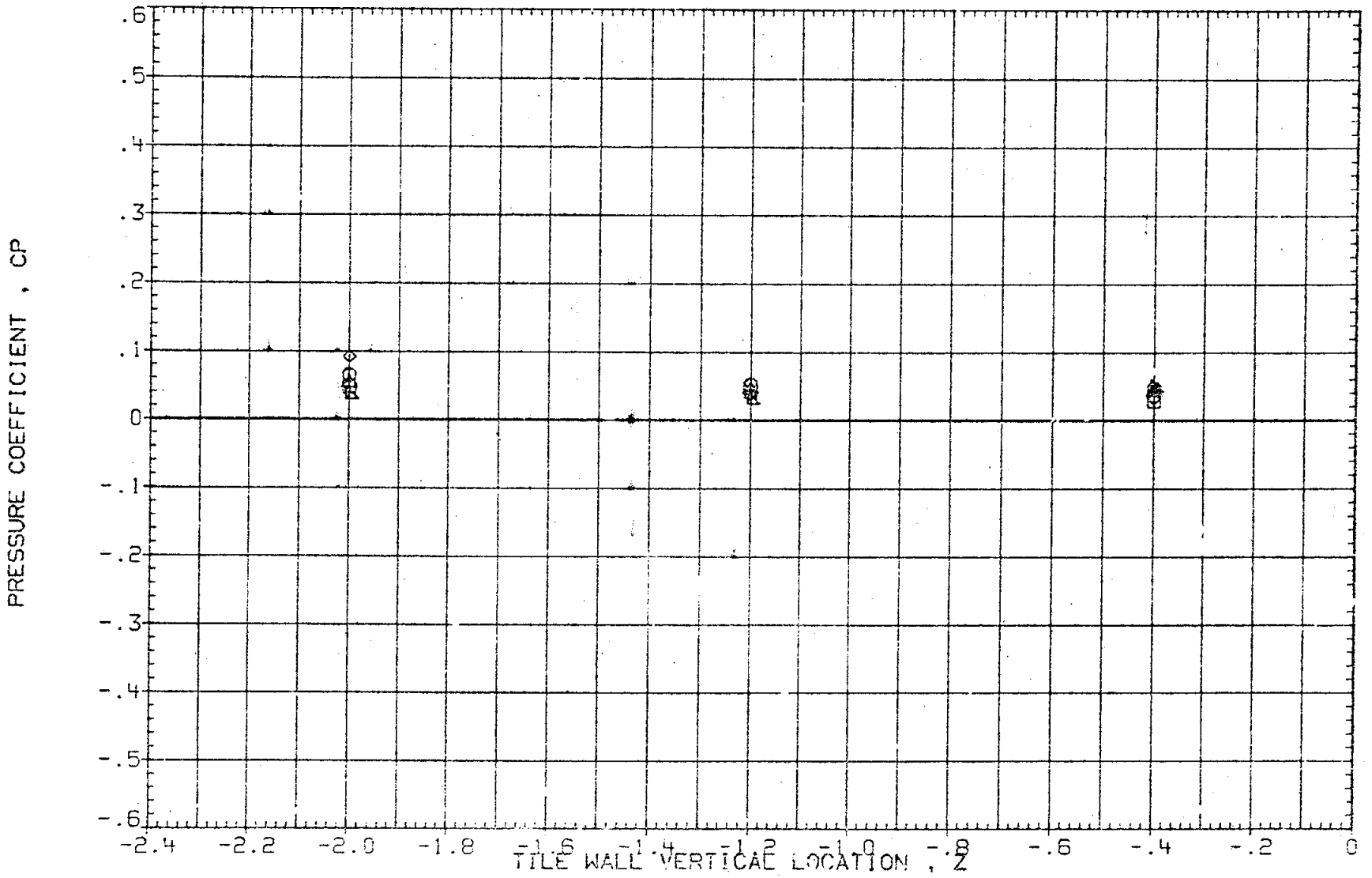


FIG. 65 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW46) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.493 | .898 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ◁ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

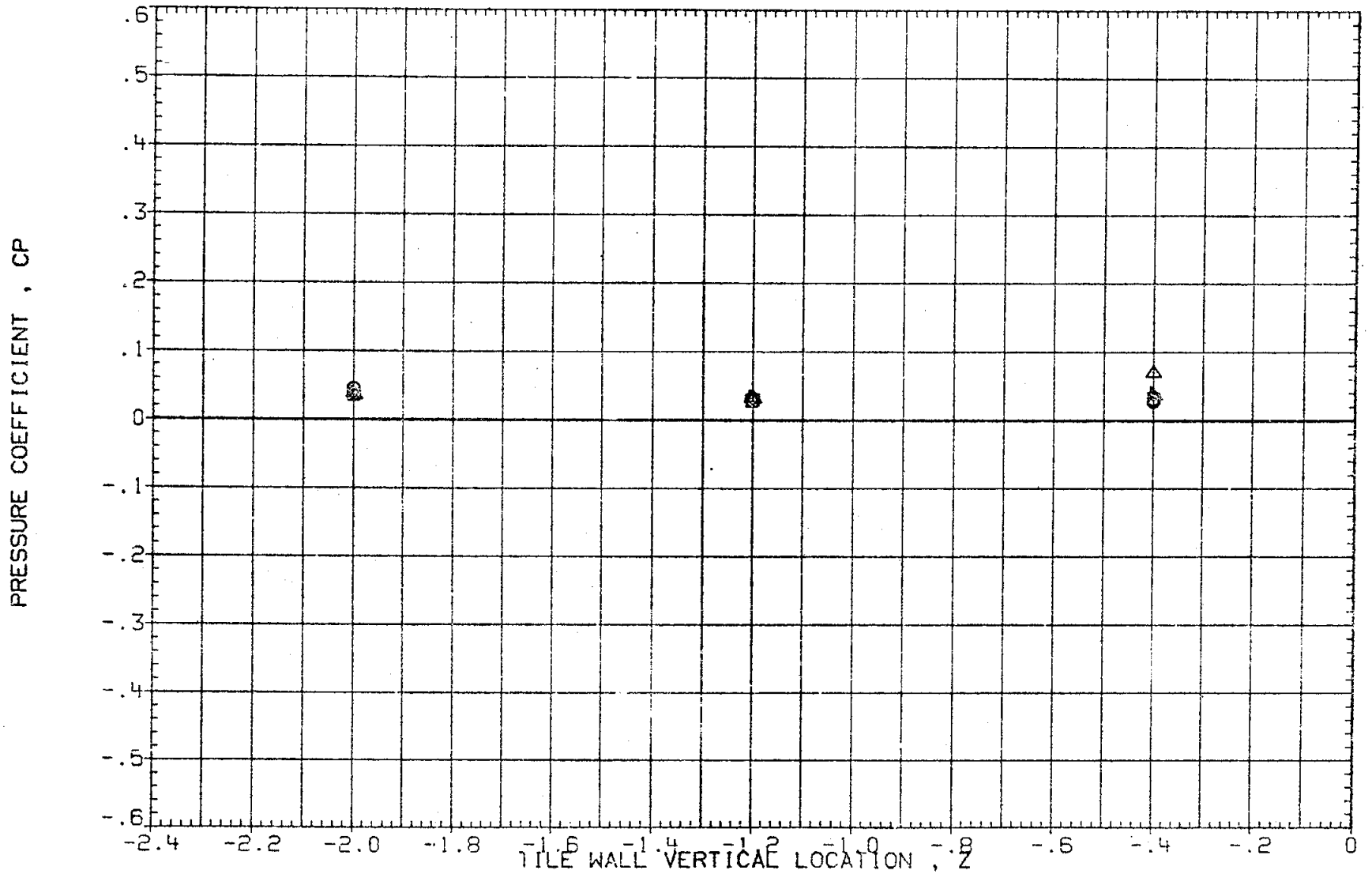


FIG. 66 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW46) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.493 | .898 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

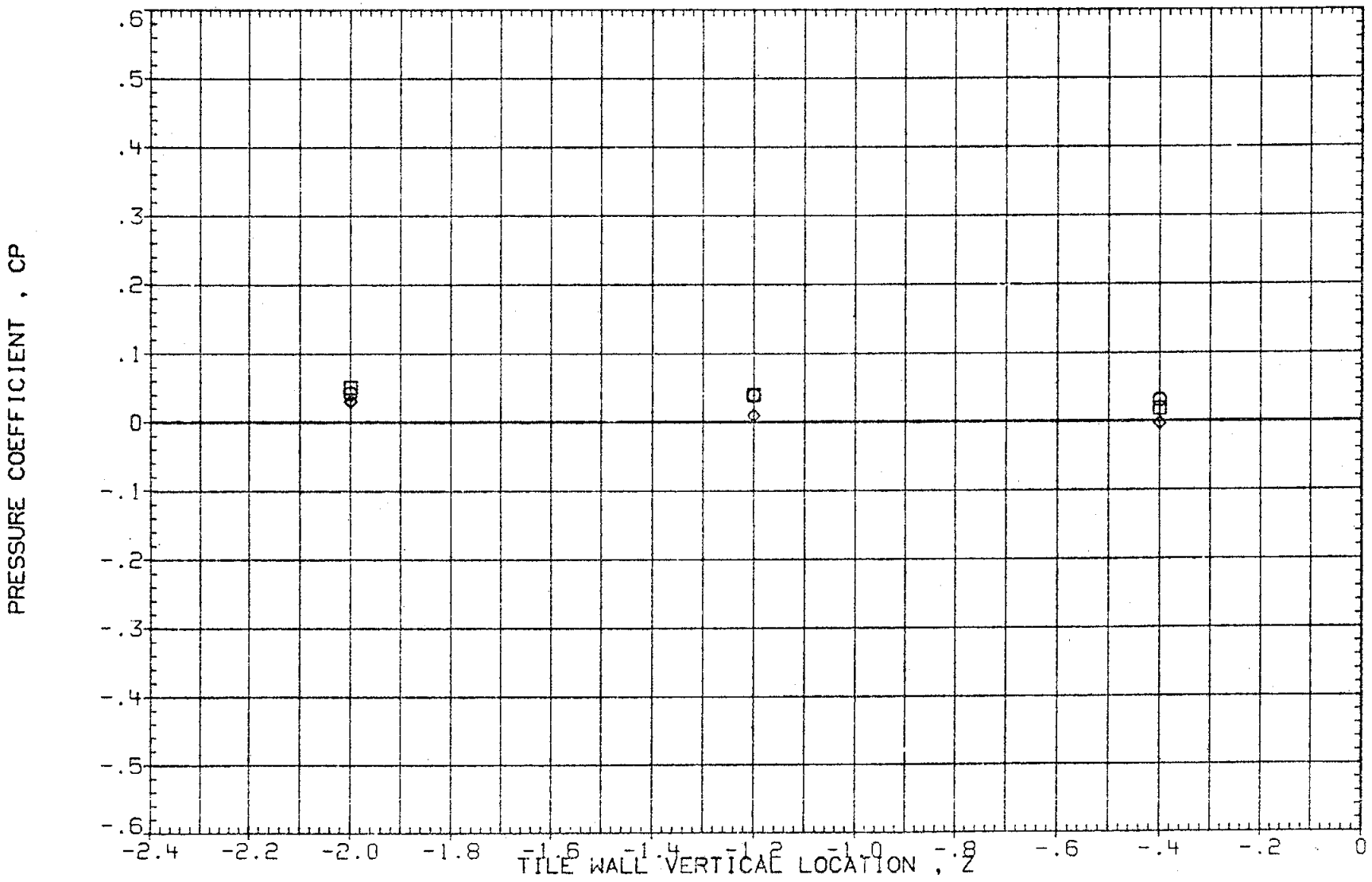


FIG. 66 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW46) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.493 | .896 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

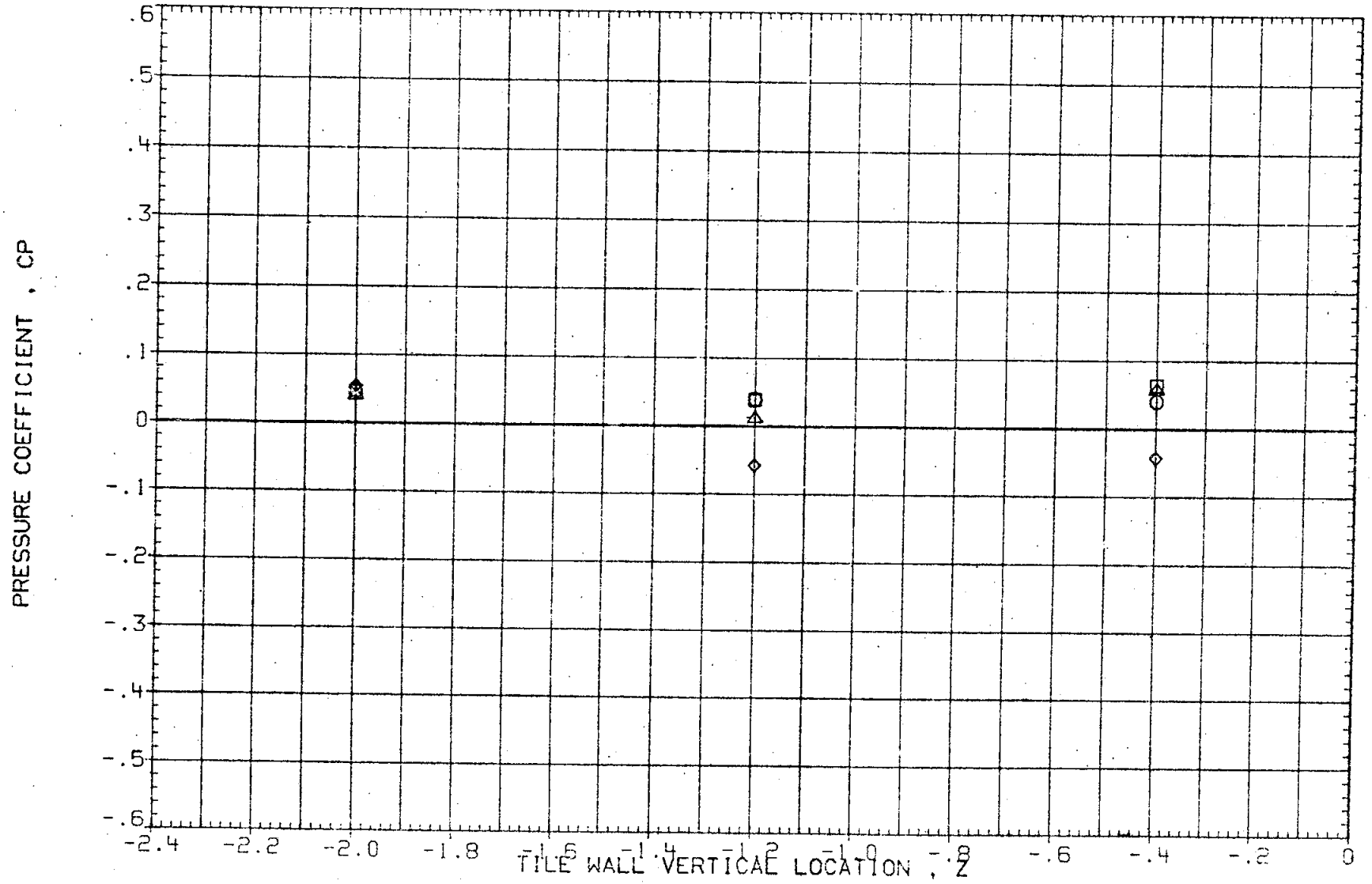


FIG. 66 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW46) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.493 | .898 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

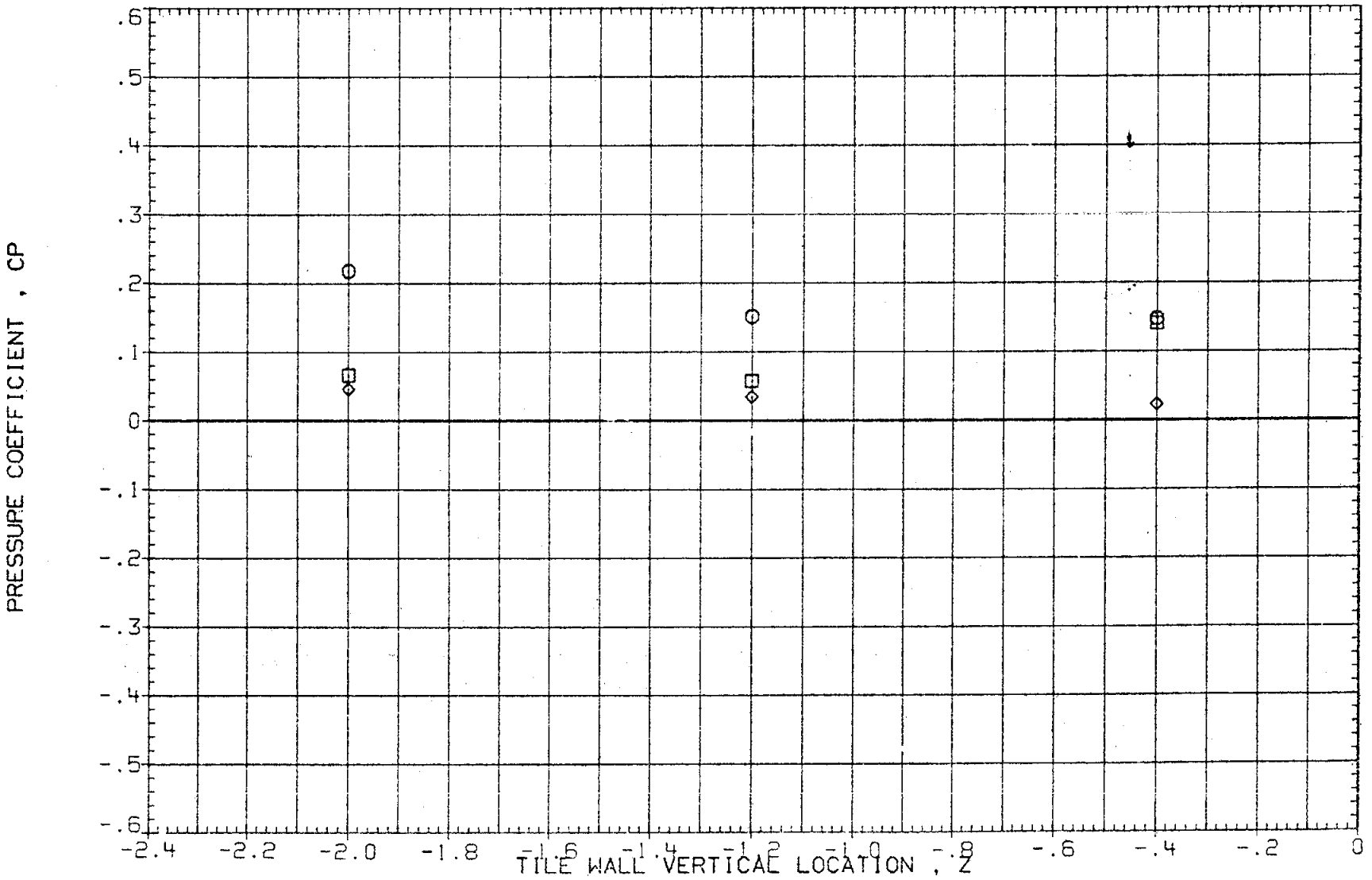


FIG. 66 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW46) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.493 | .898 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

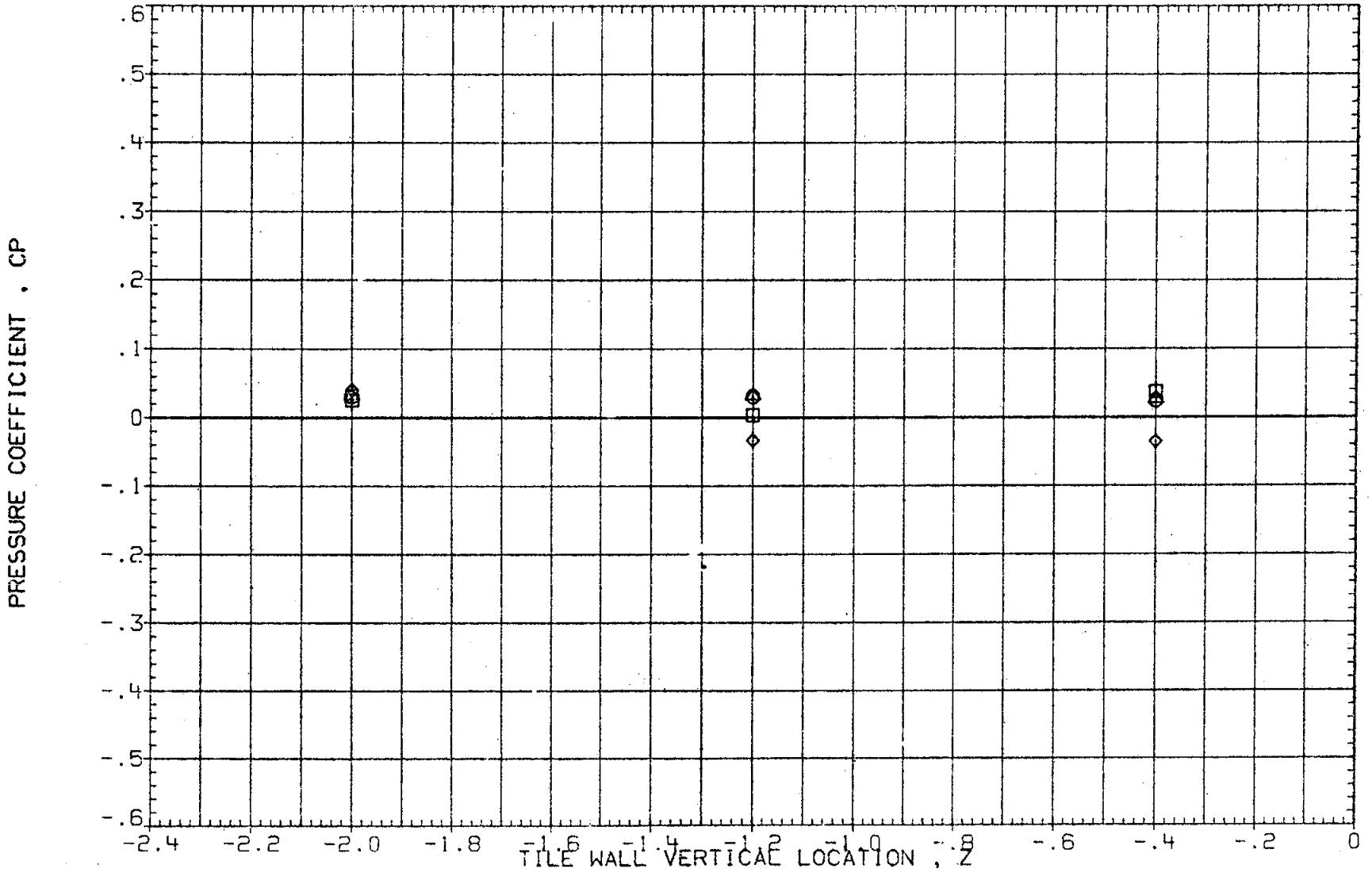


FIG. 66 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW46) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.493 | .000 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

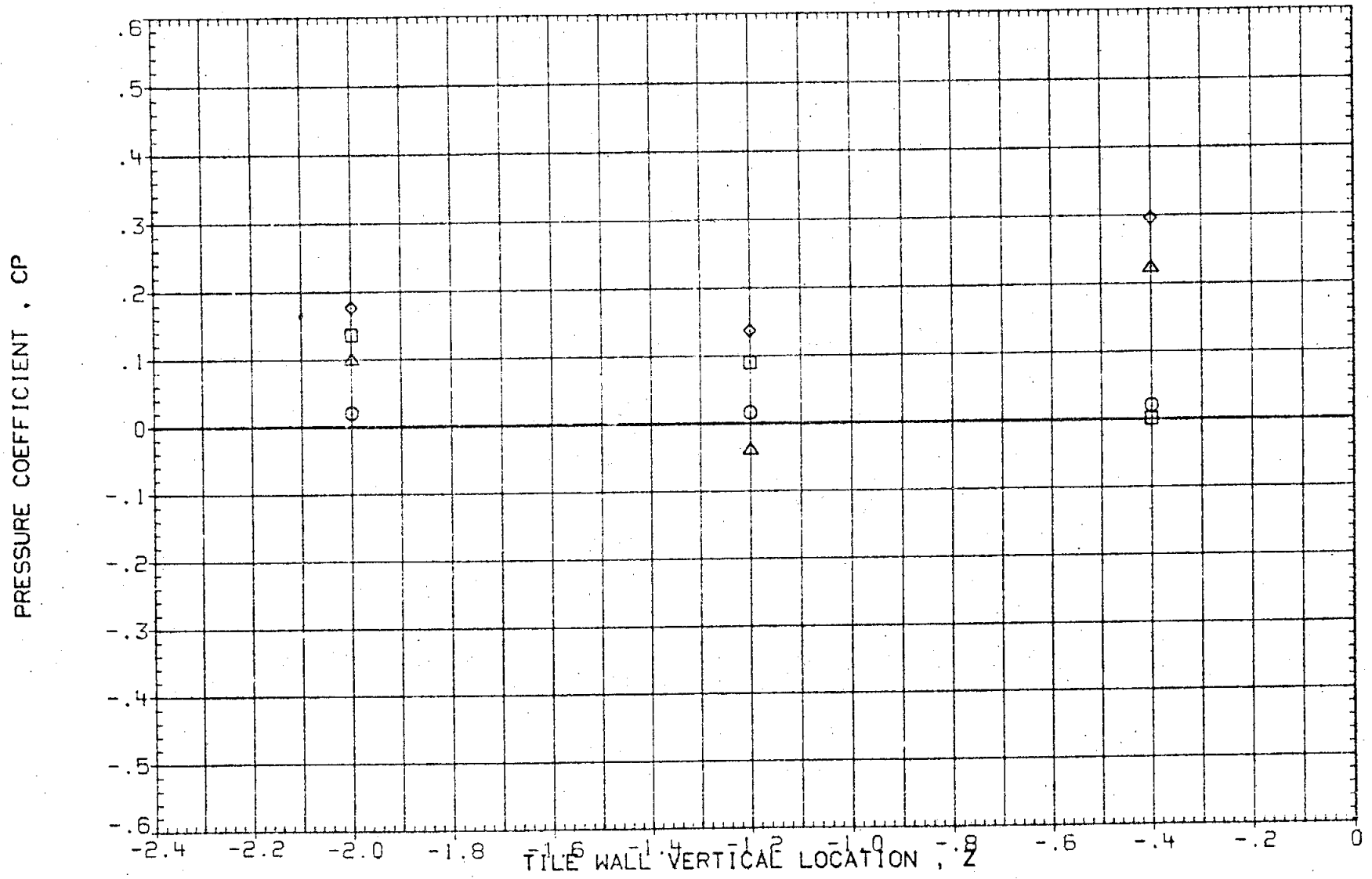


FIG. 66 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW46) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.493 | .898 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

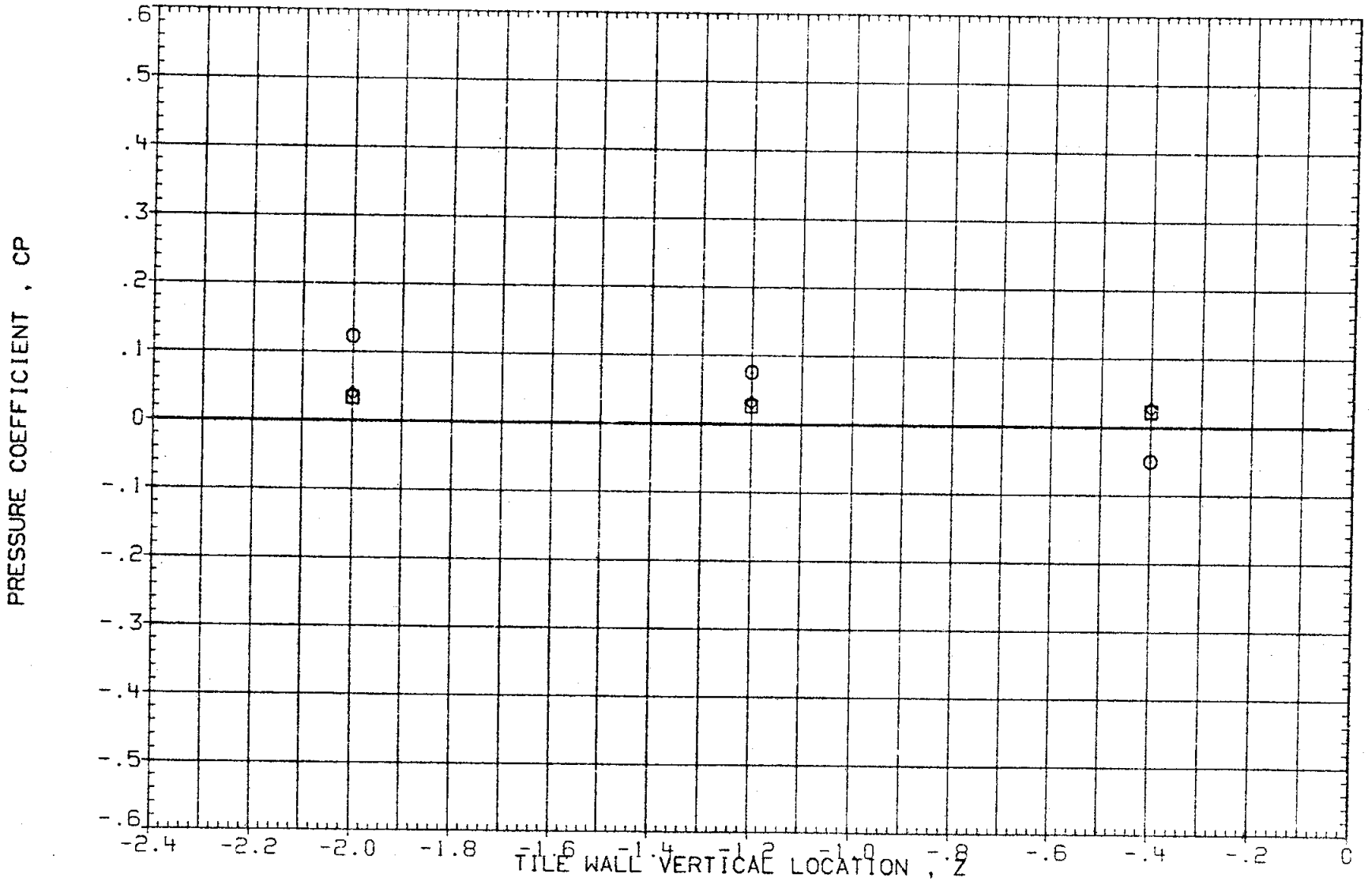


FIG. 66 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW46) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.493 | .898 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

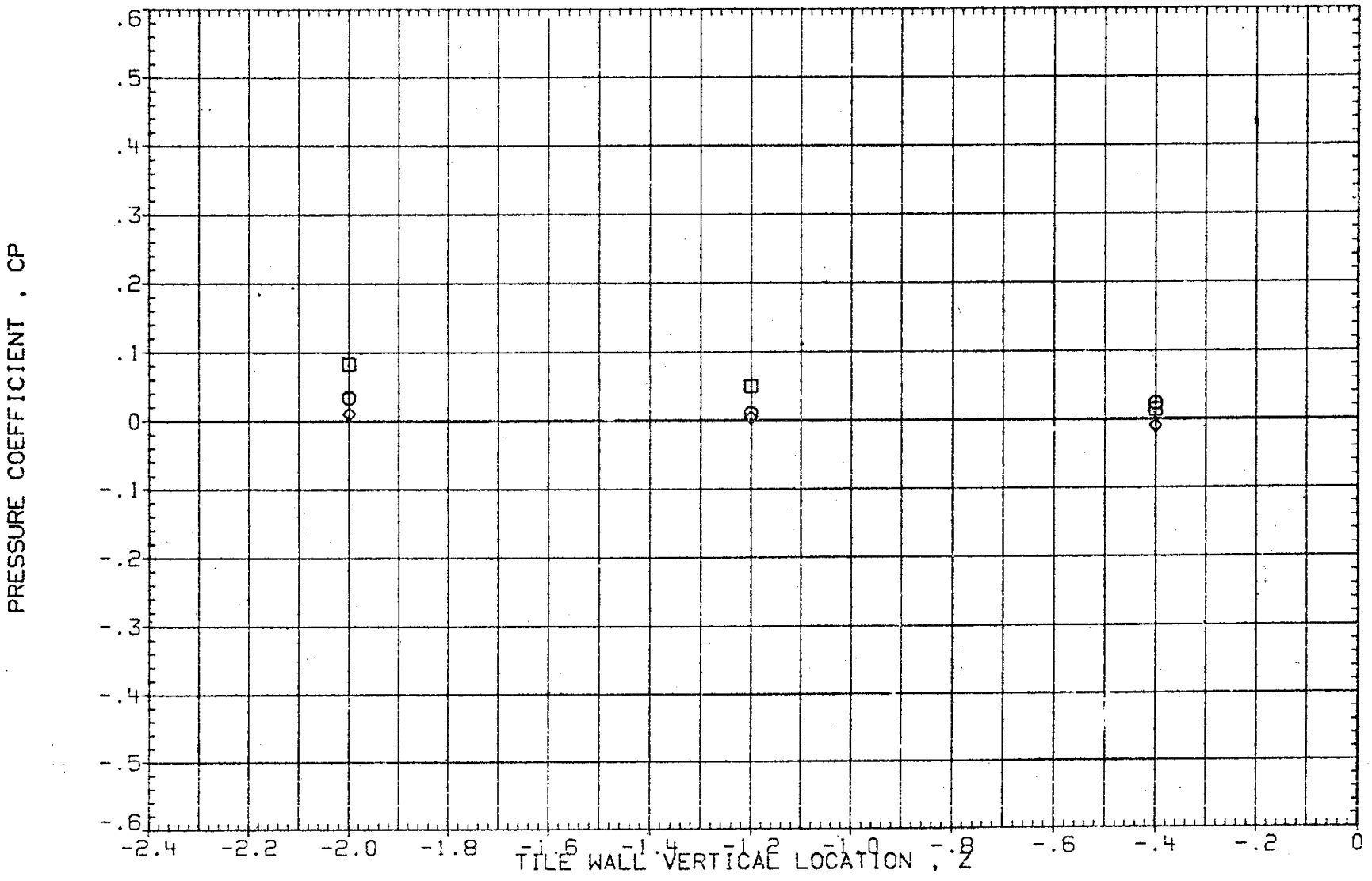


FIG. 66 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW46) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.493 | .898 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ◁ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

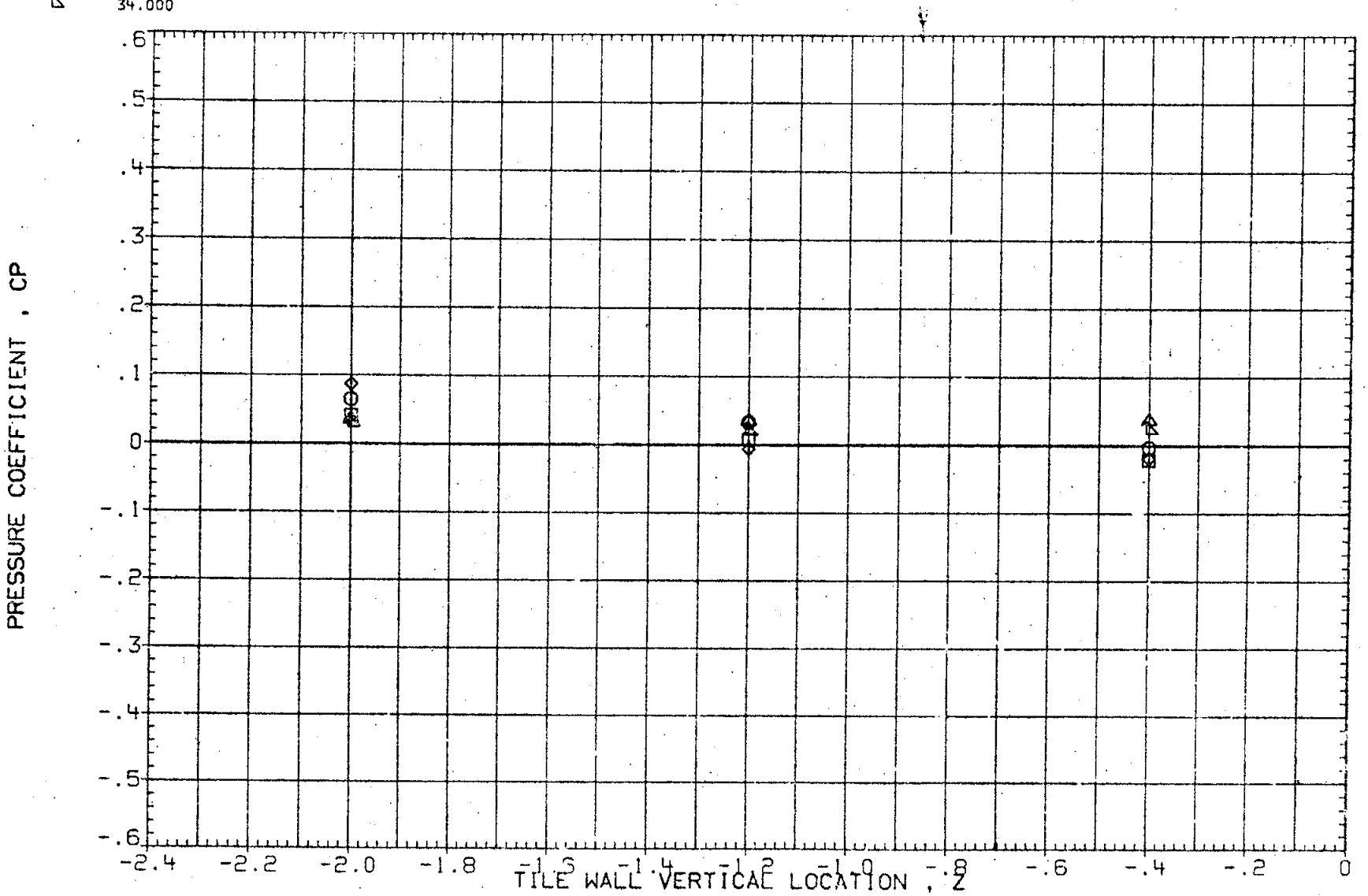


FIG. 66 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW47) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.383 | .895 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| ▷ | 5.000 | | |
| △ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

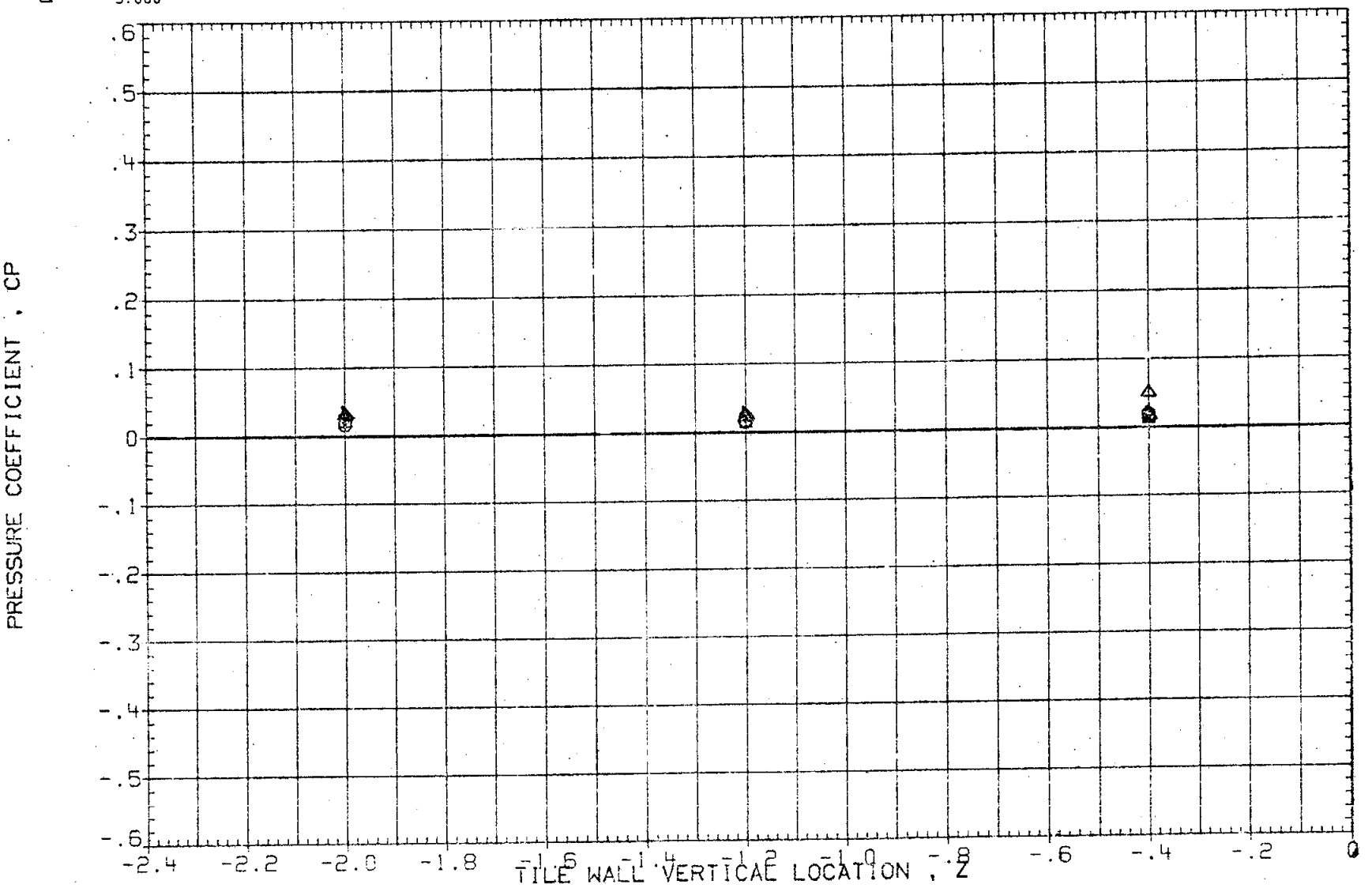


FIG. 67 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW47) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.383 | .895 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

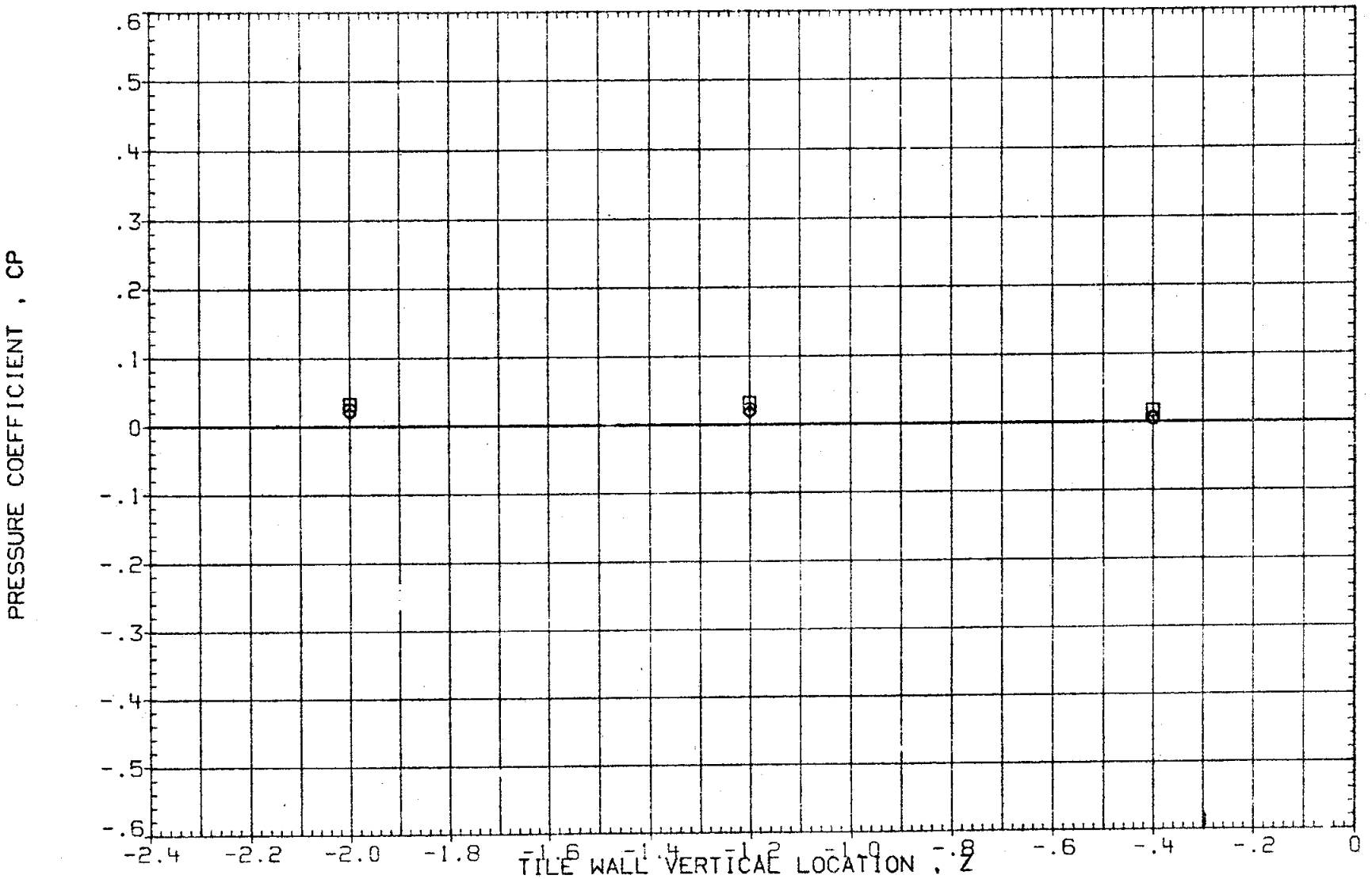


FIG. 67 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE. WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW47) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.383 | .895 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

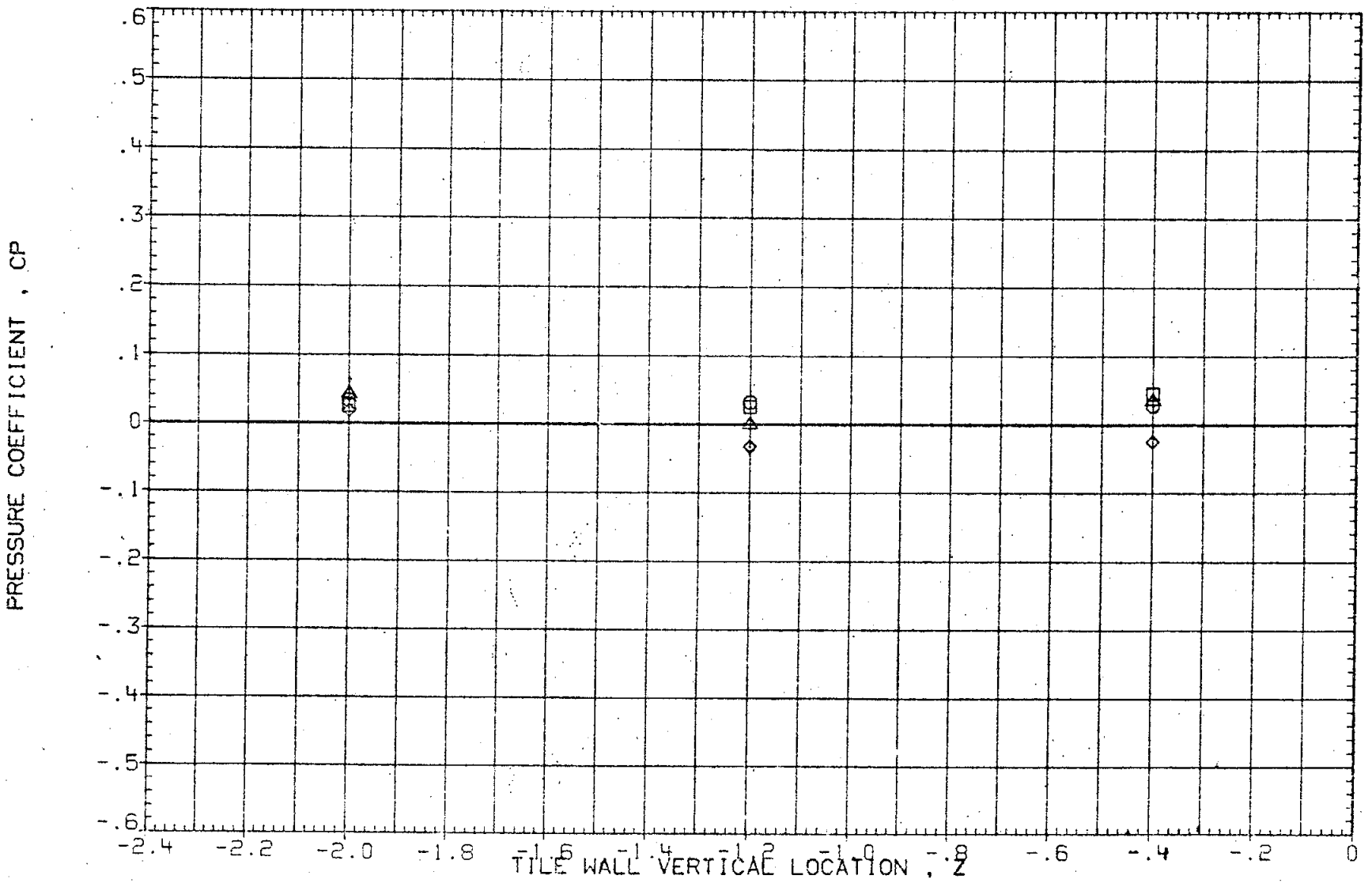


FIG. 67 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW47) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.383 | .895 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

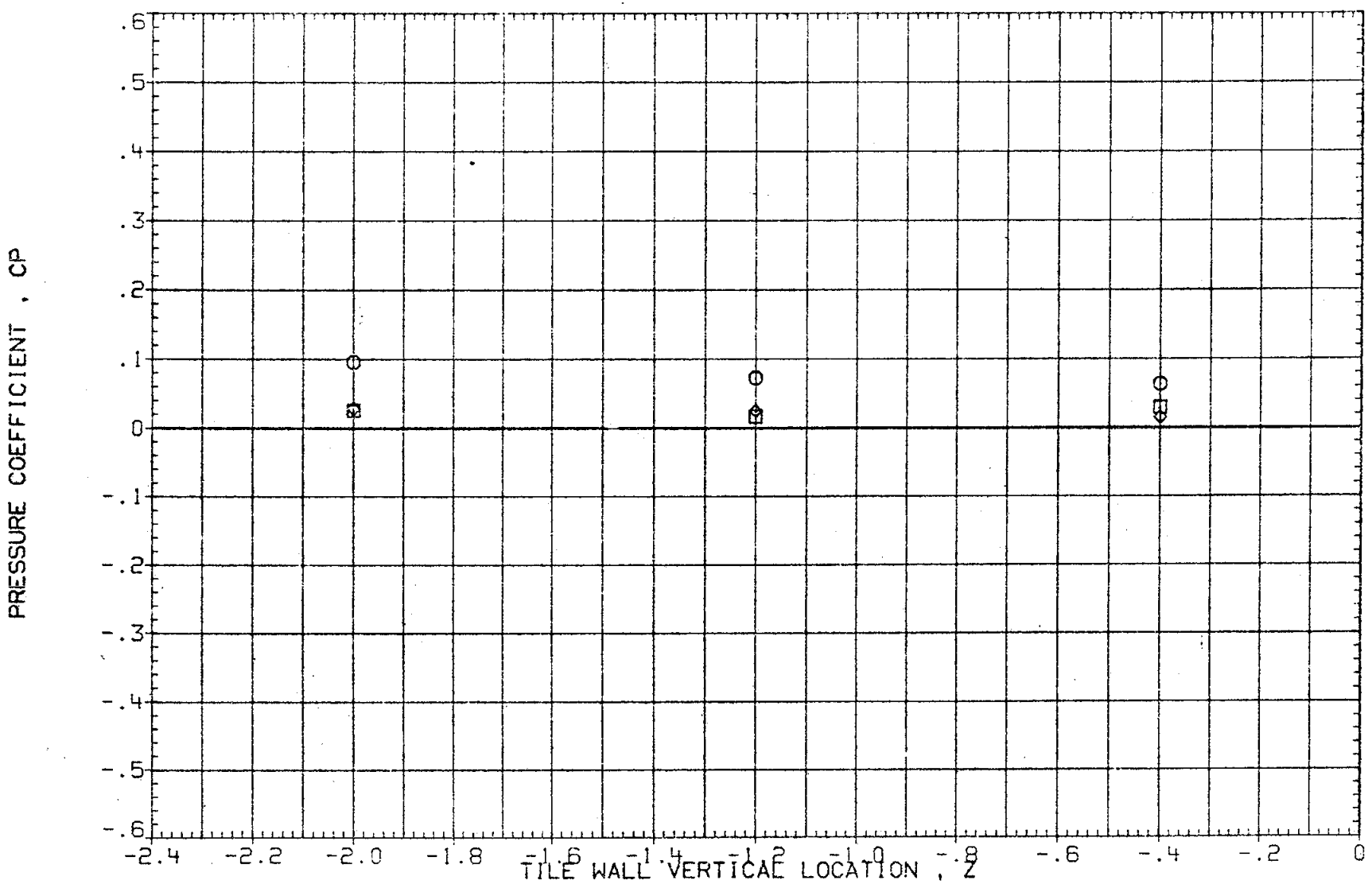


FIG. 67 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW47) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.383 | .895 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

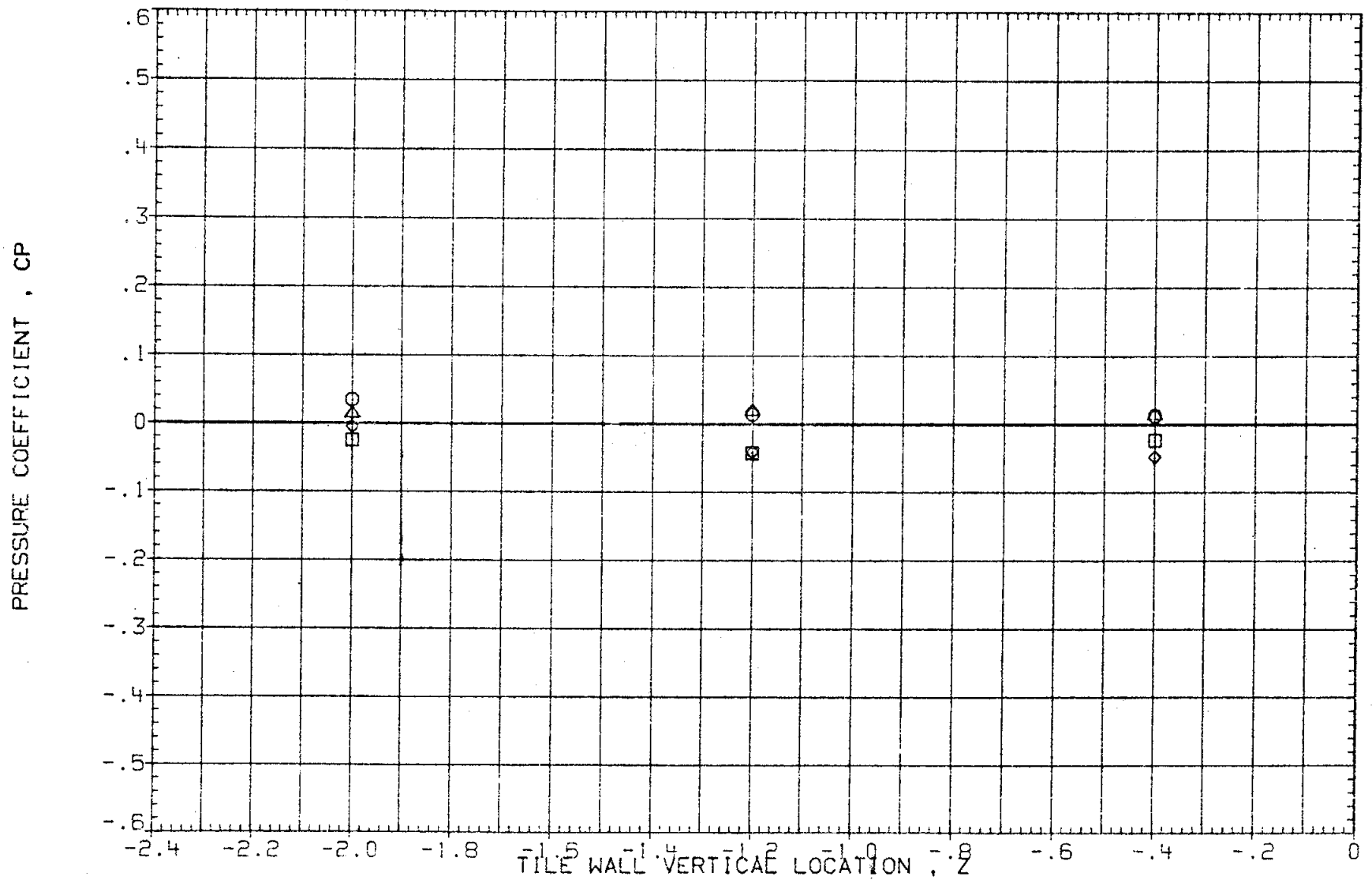


FIG. 67 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW47) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.383 | .895 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

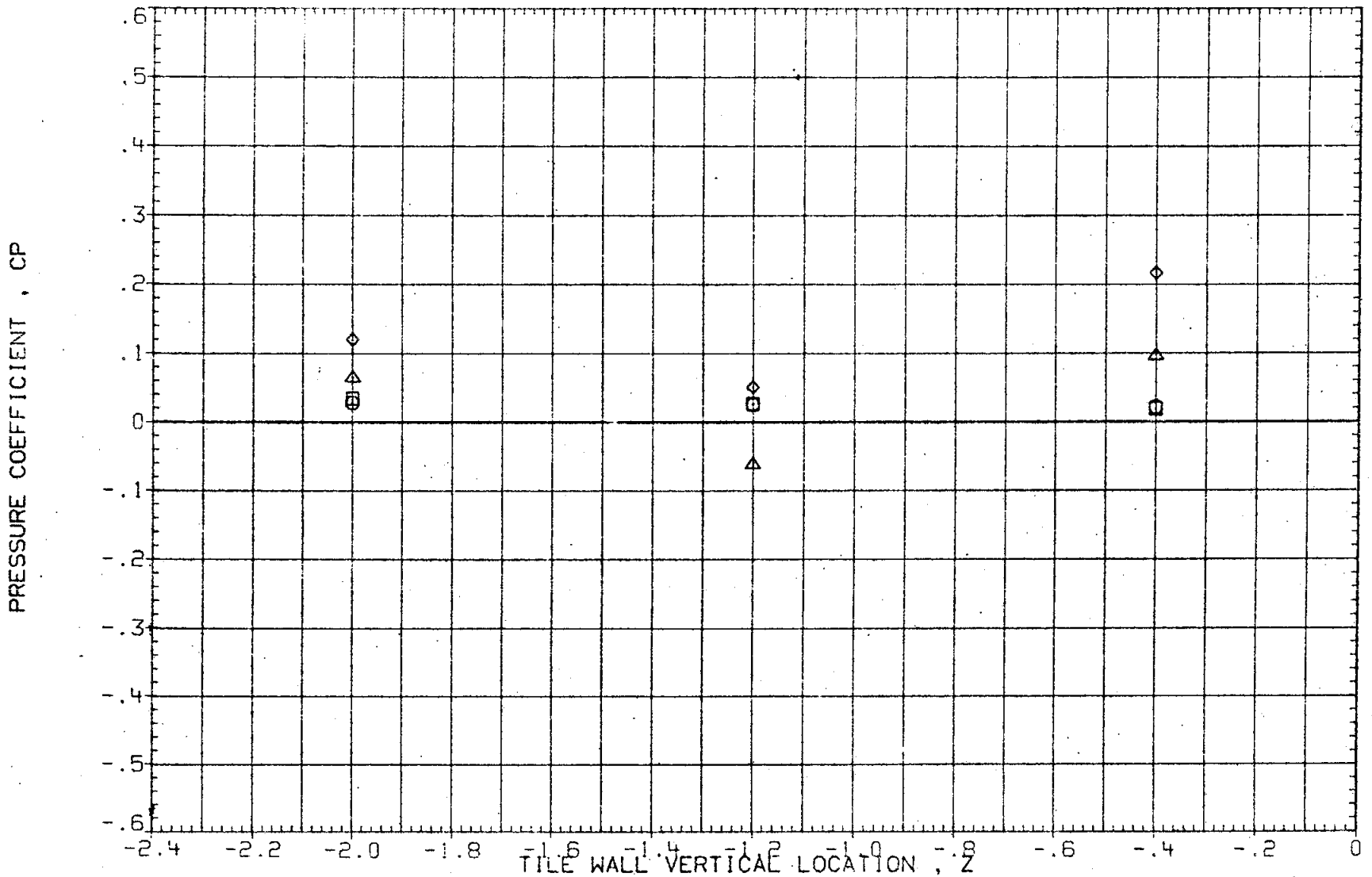


FIG. 67 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW47) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 25.000 | 4.383 | .895 |
| □ | 21.000 | | |
| ◇ | 26.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

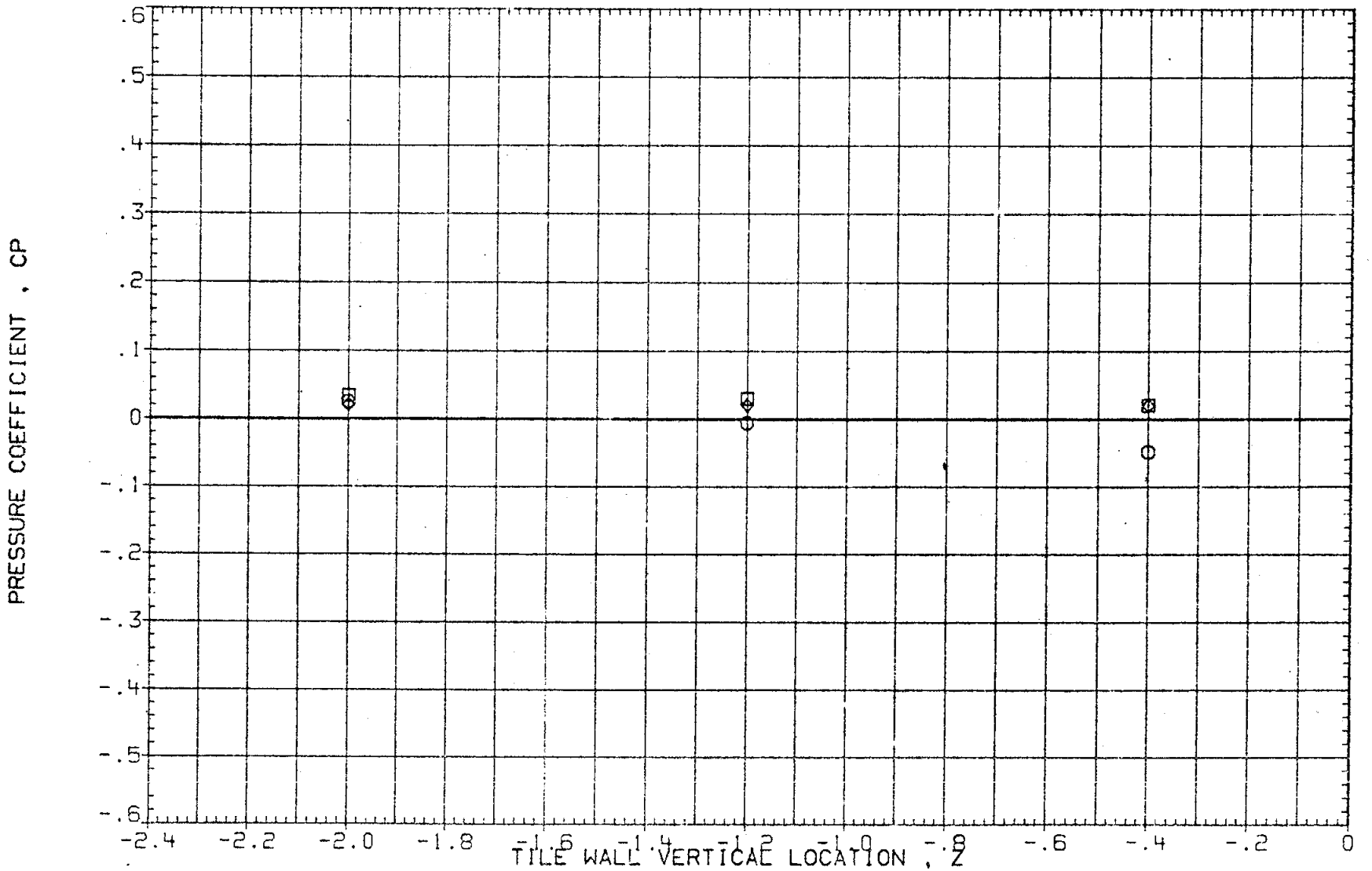


FIG. 67 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW47) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.383 | .895 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

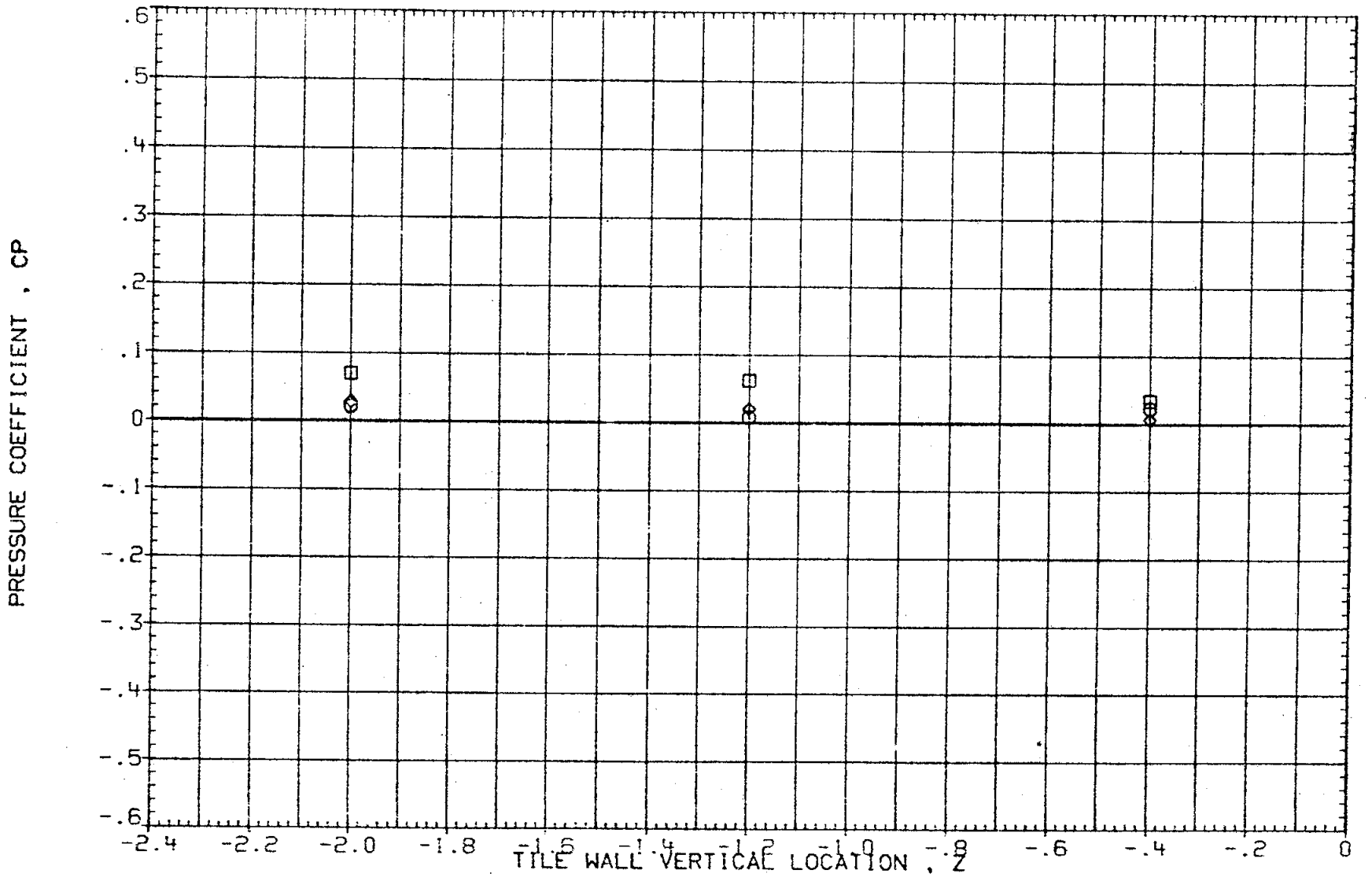


FIG. 67 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW47) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.383 | .895 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ▷ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

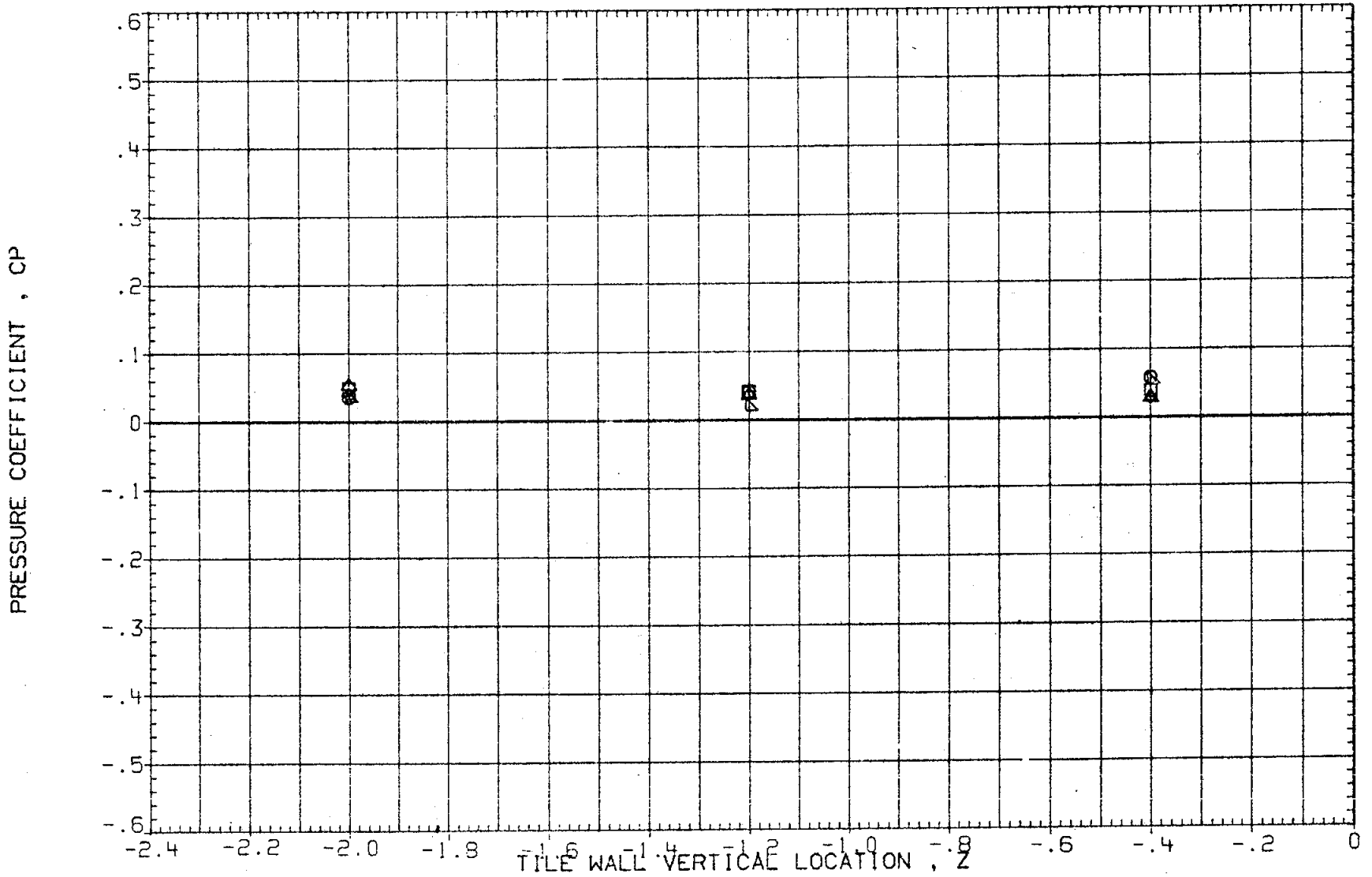


FIG. 67 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RNAFT = 4.5
DATE 13 JUN 80

(R3TW48) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 1.000 | 4.383 | .898 |
| □ | 4.000 | | |
| ◇ | 2.000 | | |
| △ | 5.000 | | |
| ◸ | 3.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

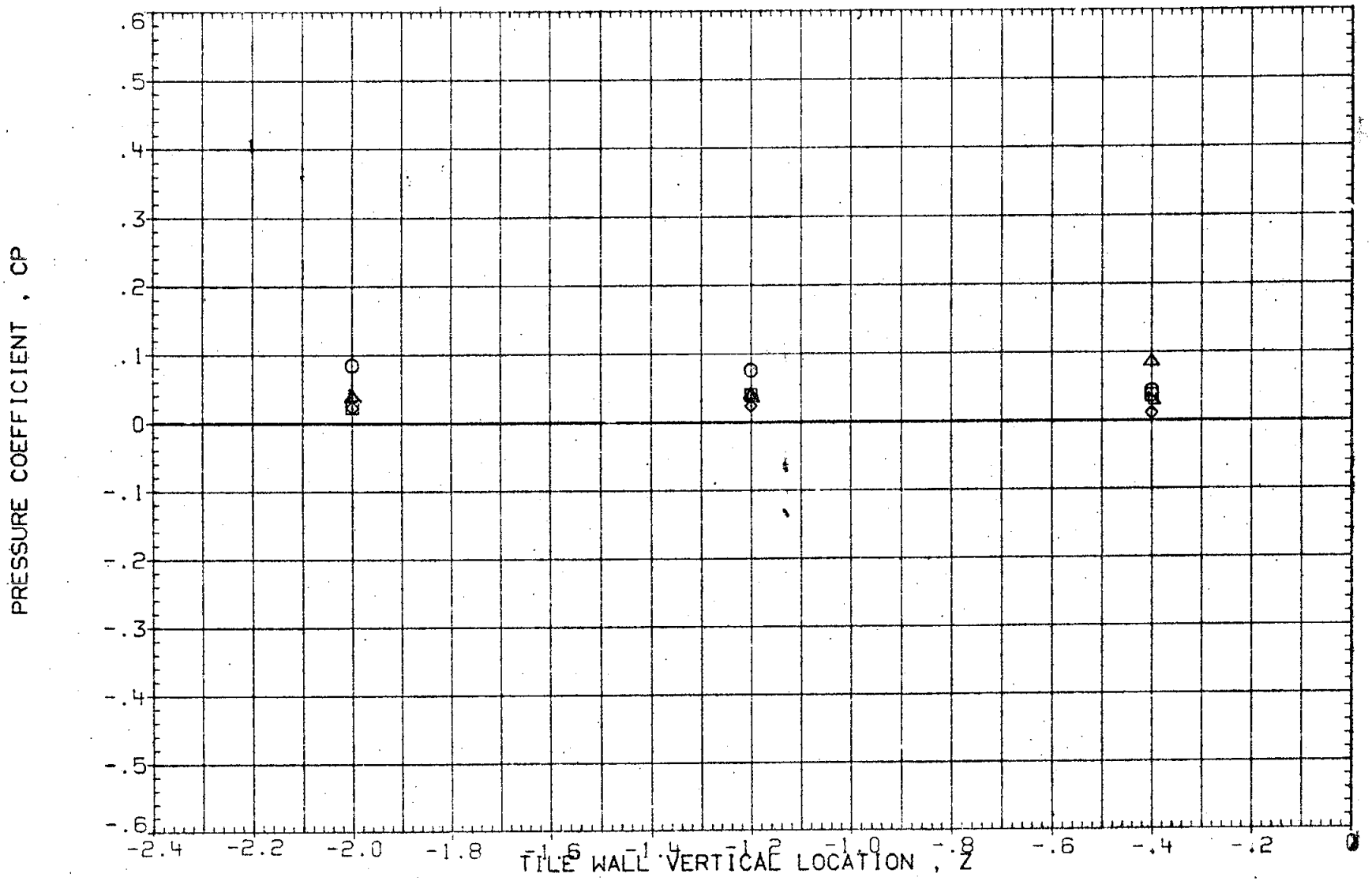


FIG. 68 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW48) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 6.000 | 4.383 | .898 |
| □ | 7.000 | | |
| ◇ | 8.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

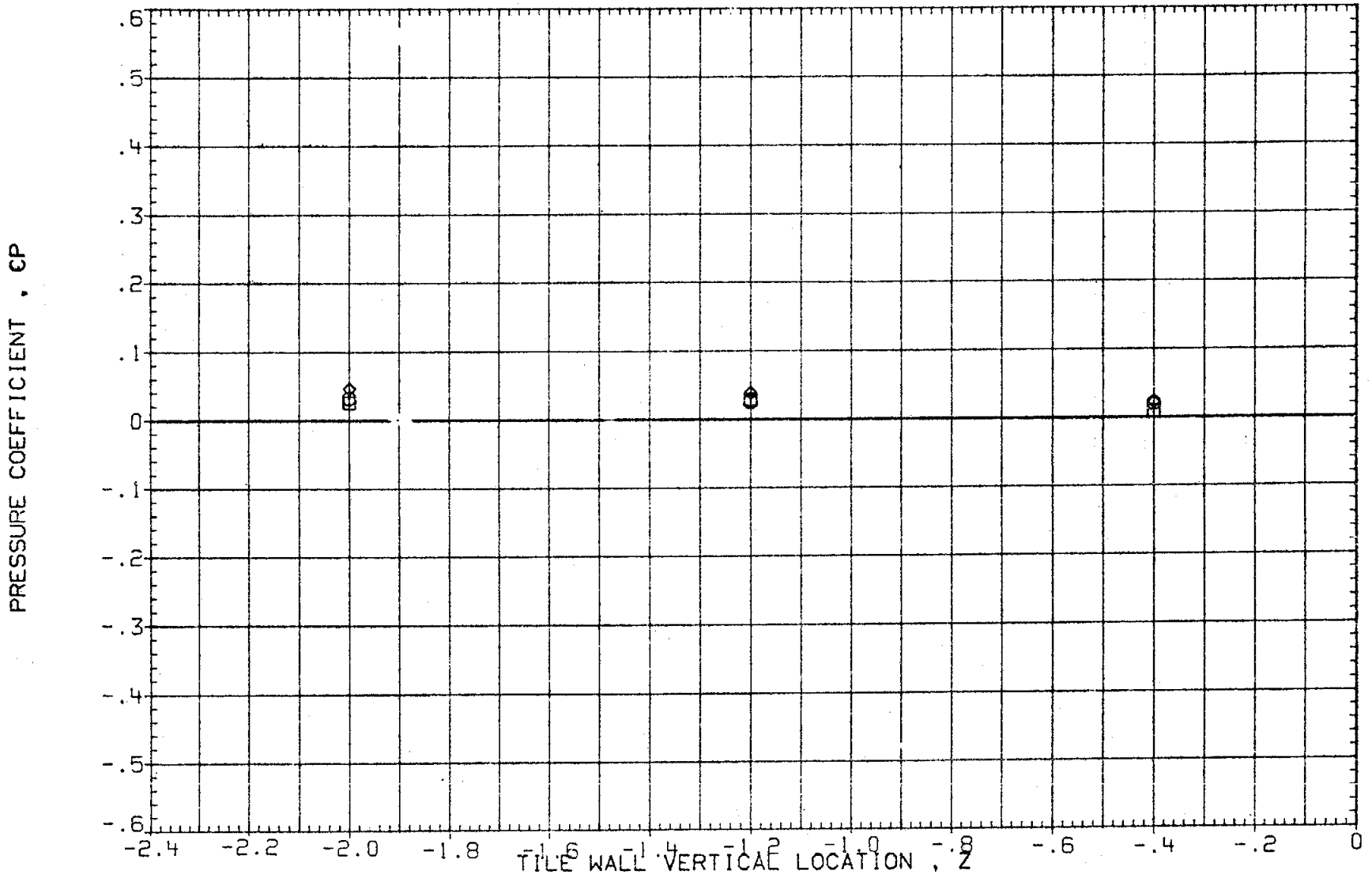


FIG. 68 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW48) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 9.000 | 4.383 | .898 |
| □ | 14.000 | | |
| ◇ | 10.000 | | |
| △ | 11.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

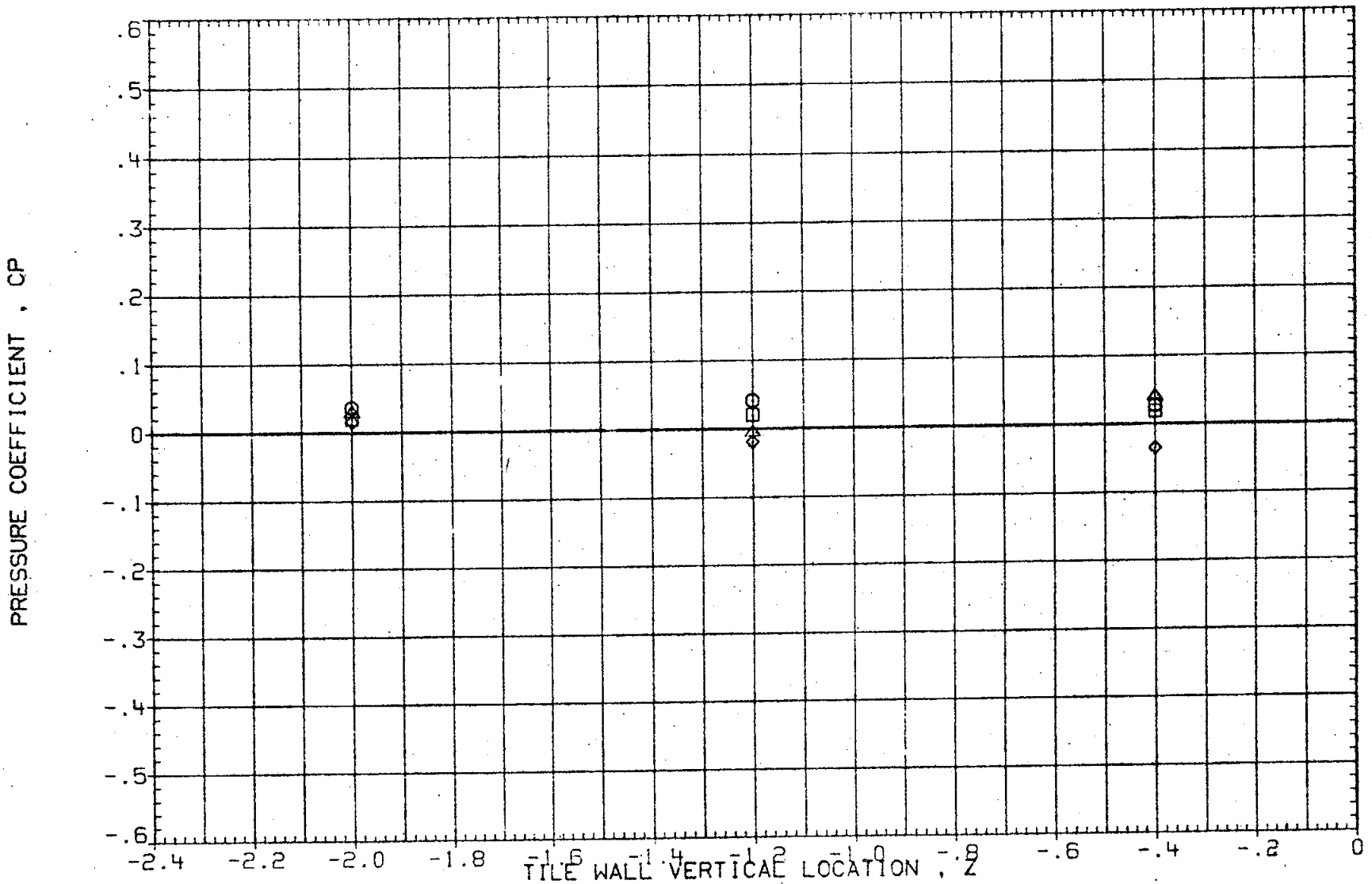


FIG. 68 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW48) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 12.000 | 4.393 | .898 |
| □ | 15.000 | | |
| ◇ | 13.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

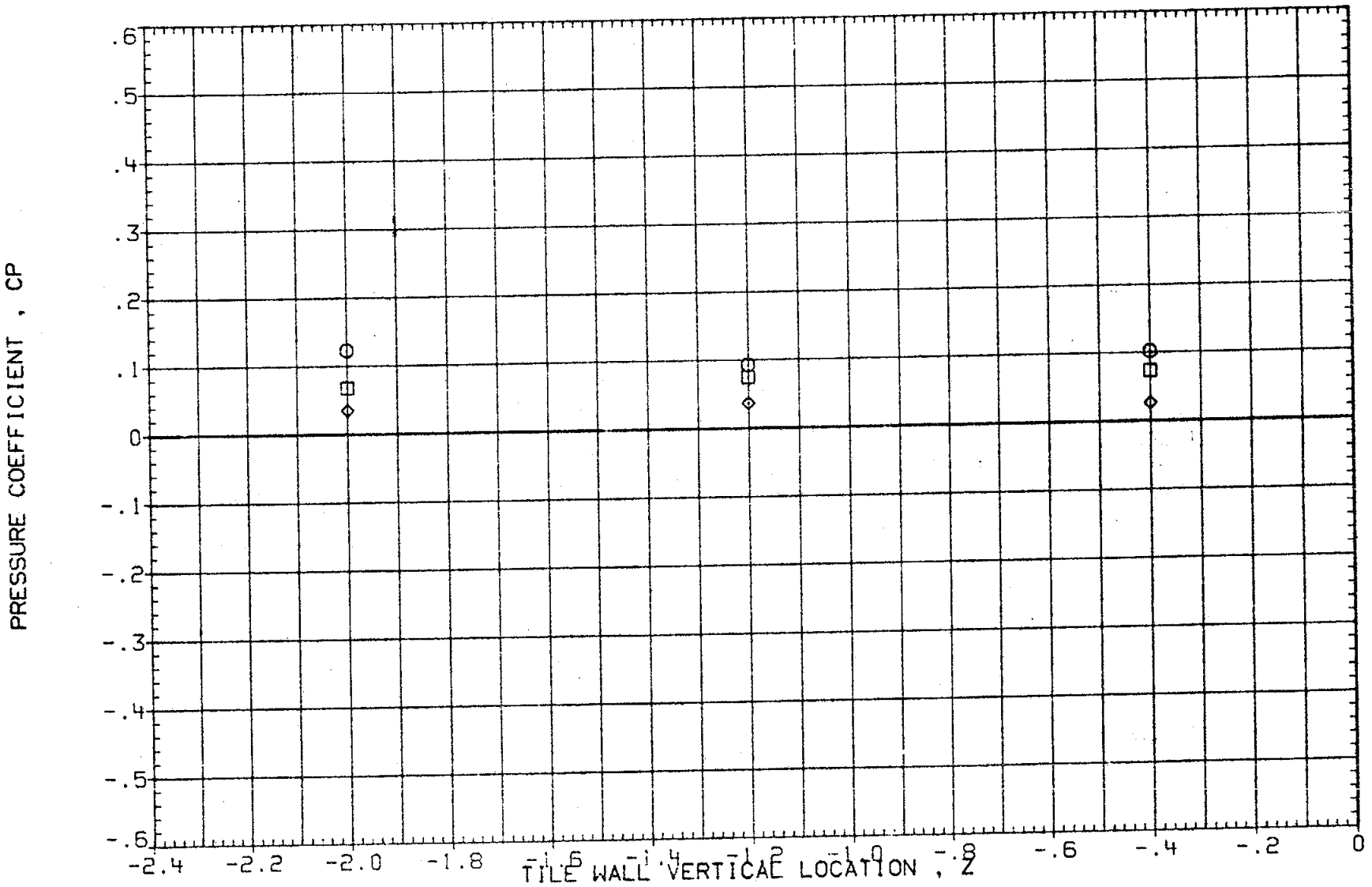


FIG. 68 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW48) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 16.000 | 4.393 | .898 |
| □ | 17.000 | | |
| ◇ | 18.000 | | |
| △ | 19.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

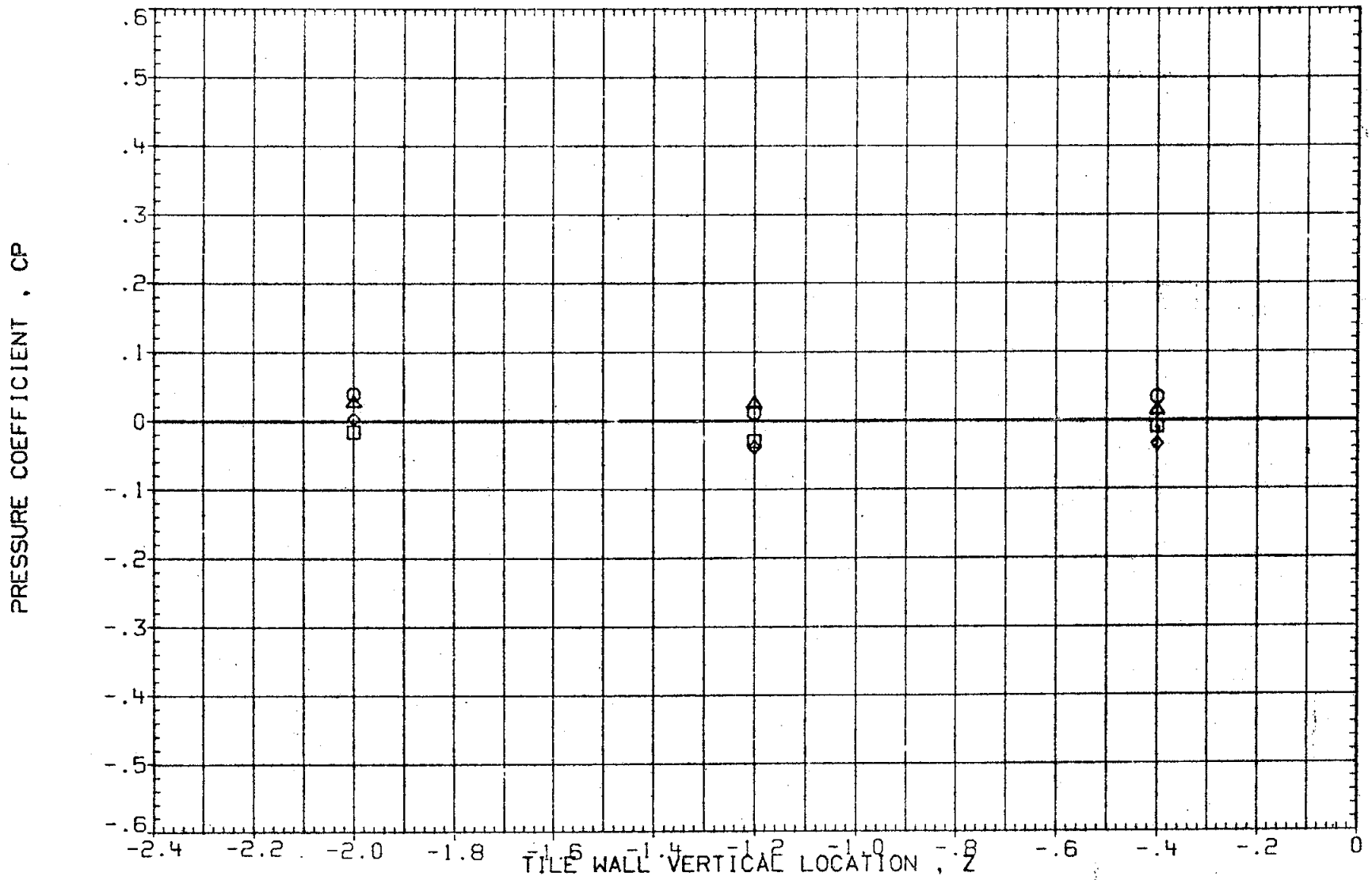


FIG. 68 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW48) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 22.000 | 4.383 | .898 |
| □ | 20.000 | | |
| ◇ | 23.000 | | |
| △ | 24.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

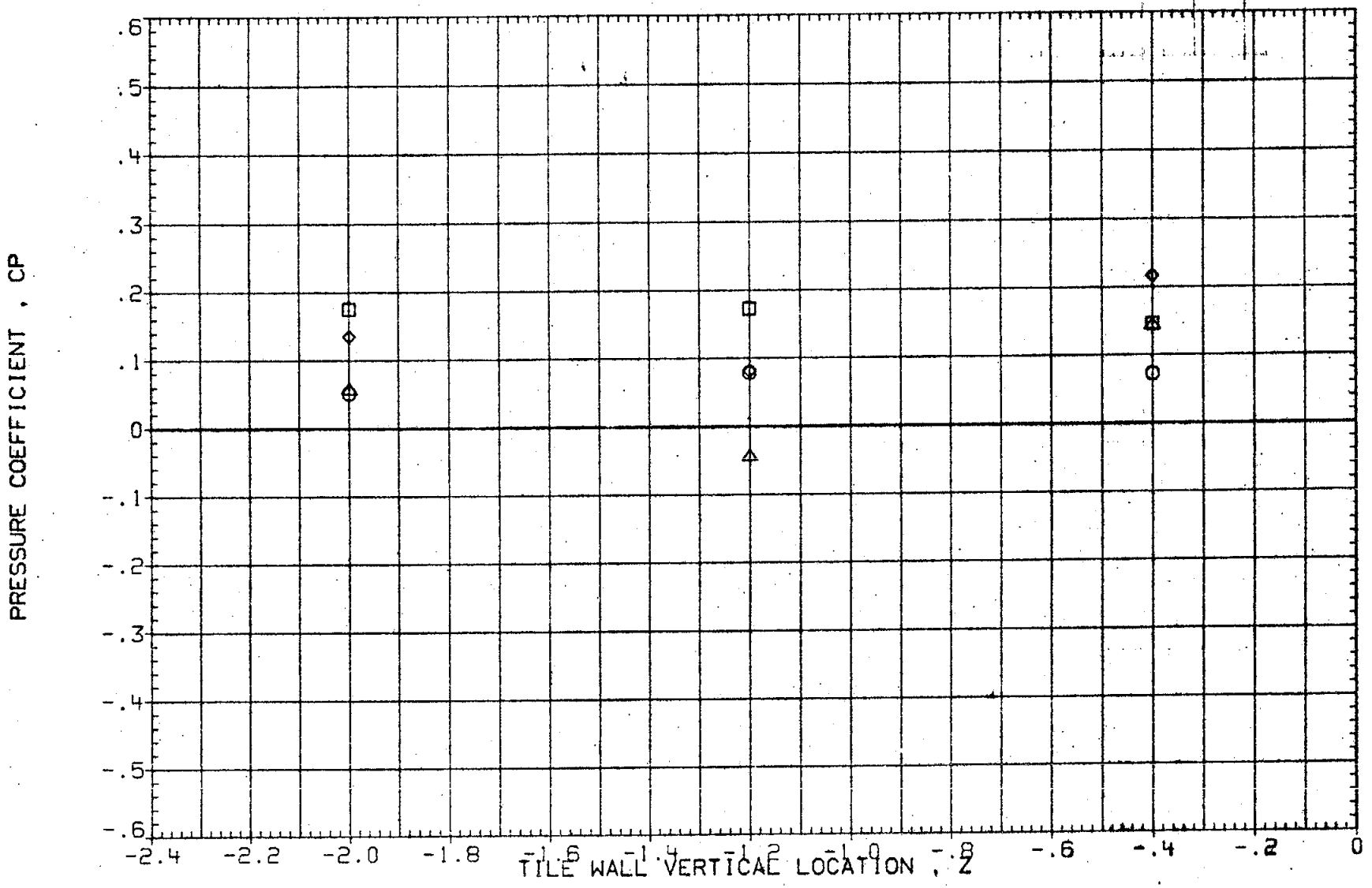


FIG. 68 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

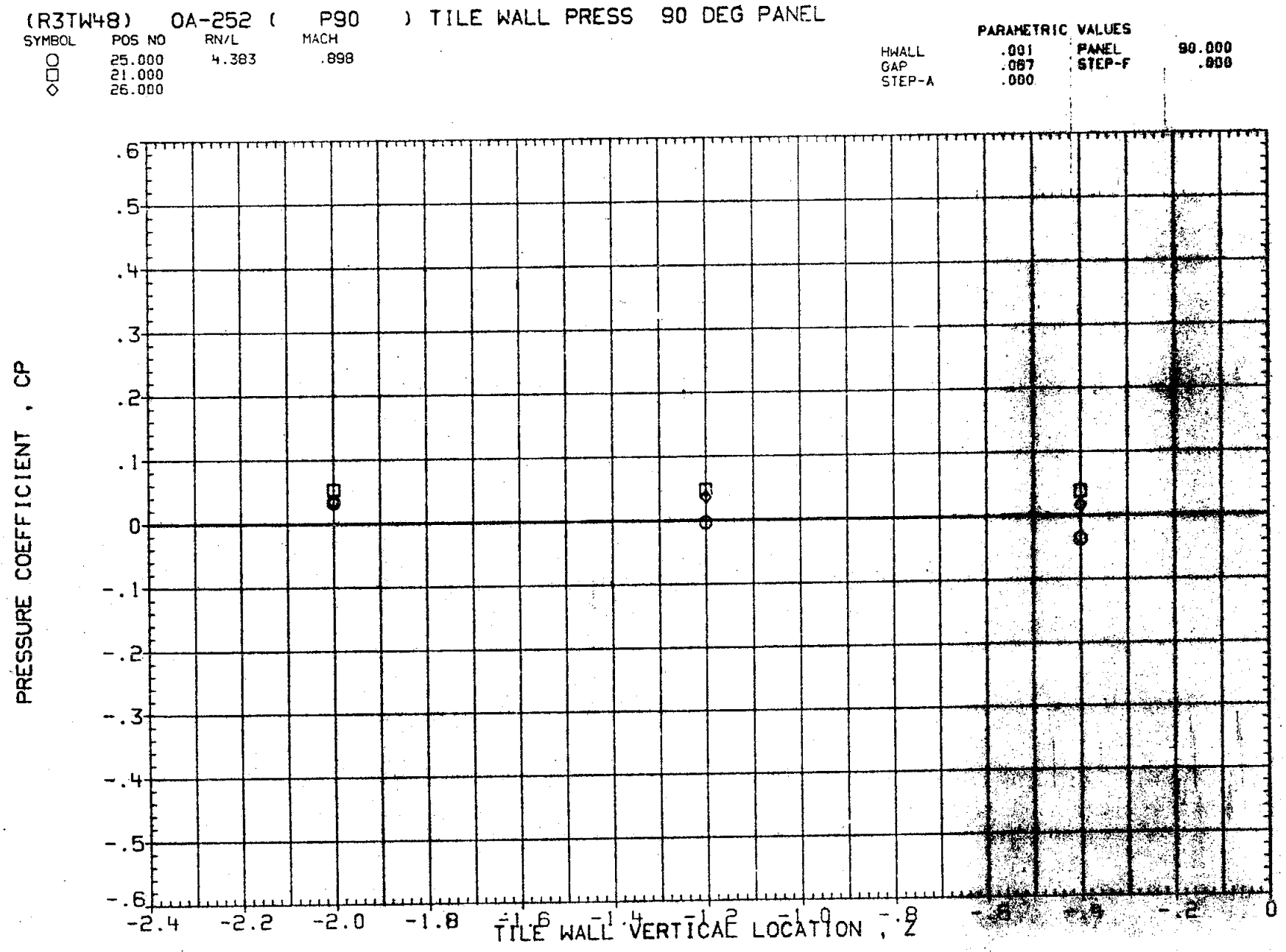


FIG. 68 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 [illegible]
GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TW48) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 27.000 | 4.393 | .698 |
| □ | 28.000 | | |
| ◇ | 29.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

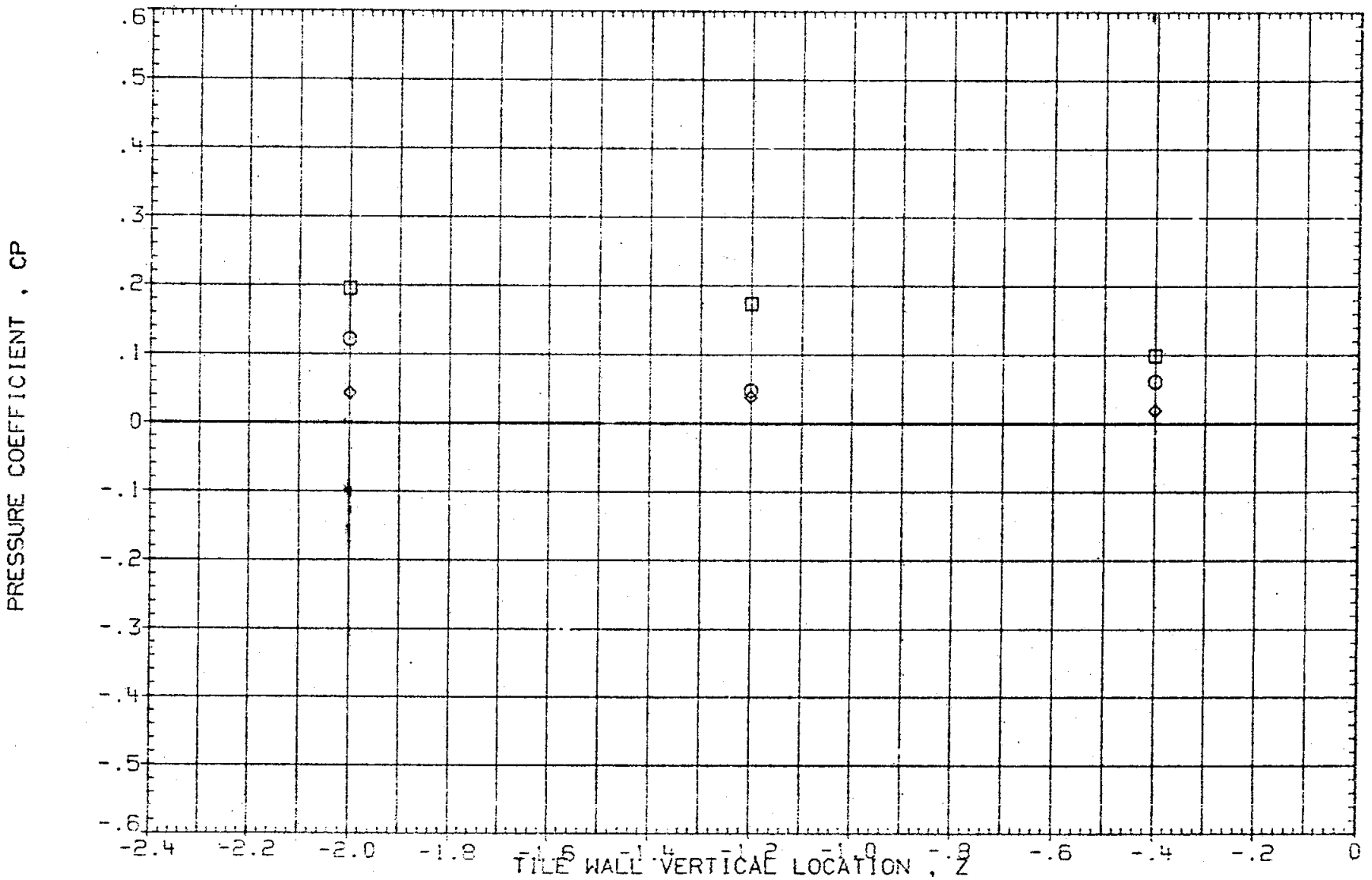


FIG. 68 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TW48) OA-252 ( P90 ) TILE WALL PRESS 90 DEG PANEL

| SYMBOL | POS NO | RN/L | MACH |
|---|---|---|---|
| ○ | 32.000 | 4.383 | .898 |
| □ | 30.000 | | |
| ◇ | 33.000 | | |
| △ | 31.000 | | |
| ◁ | 34.000 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

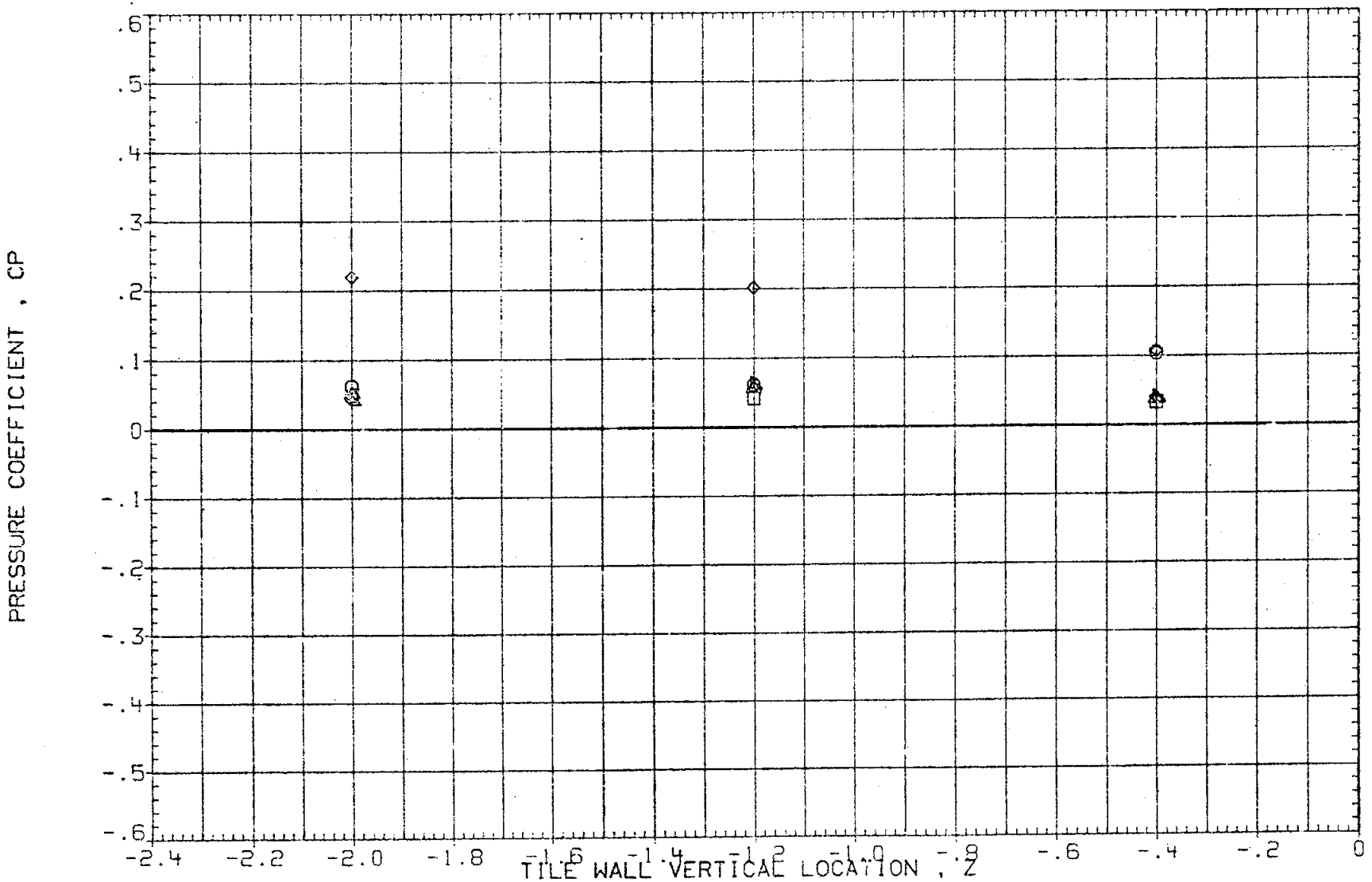


FIG. 68 GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

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(R3TF04) OA-252 ( P90 ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.589 | .900 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

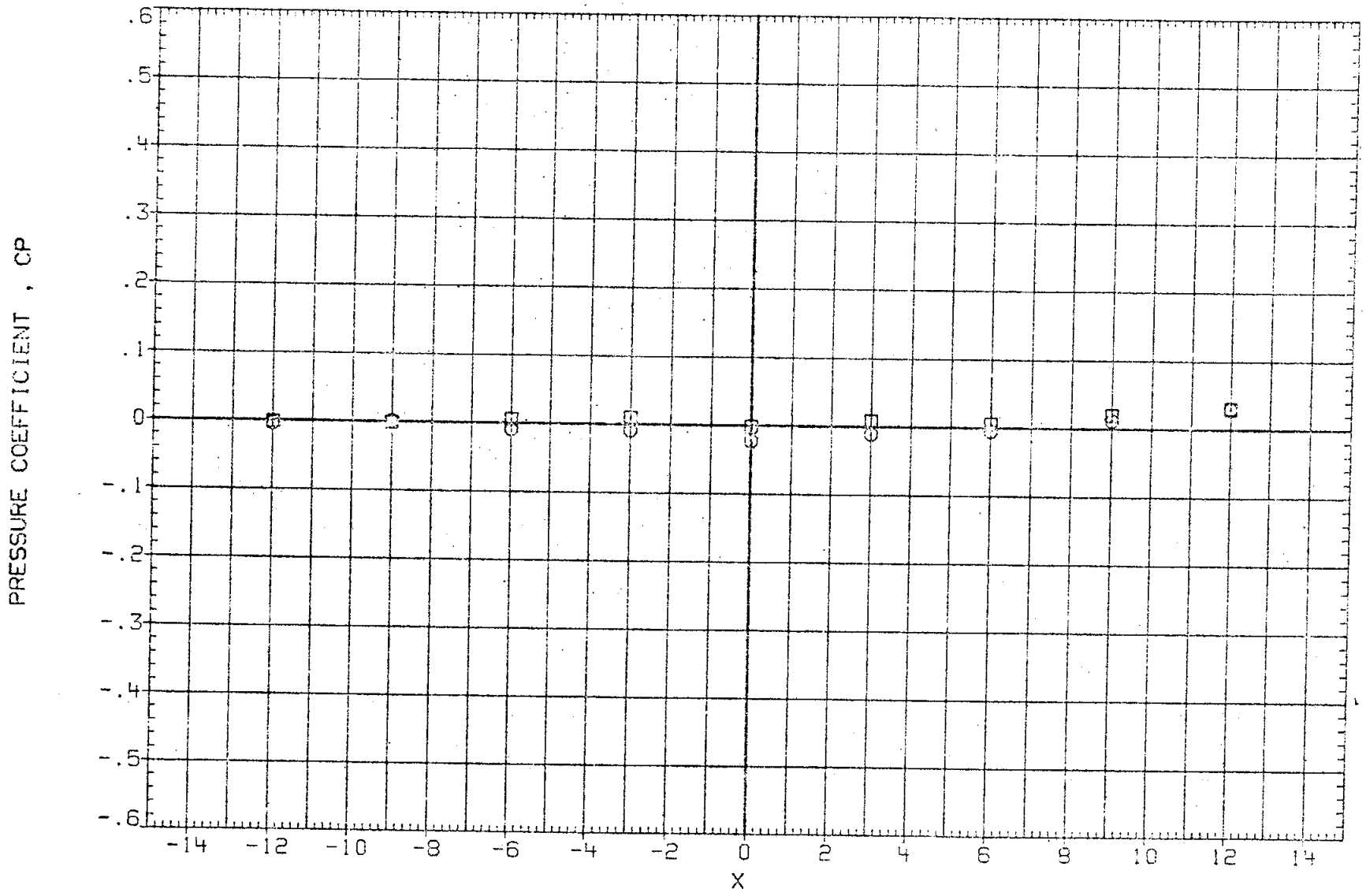


FIG. 74 FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

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(R3TF17) OA-252 ( P90+A ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.513 | .898 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

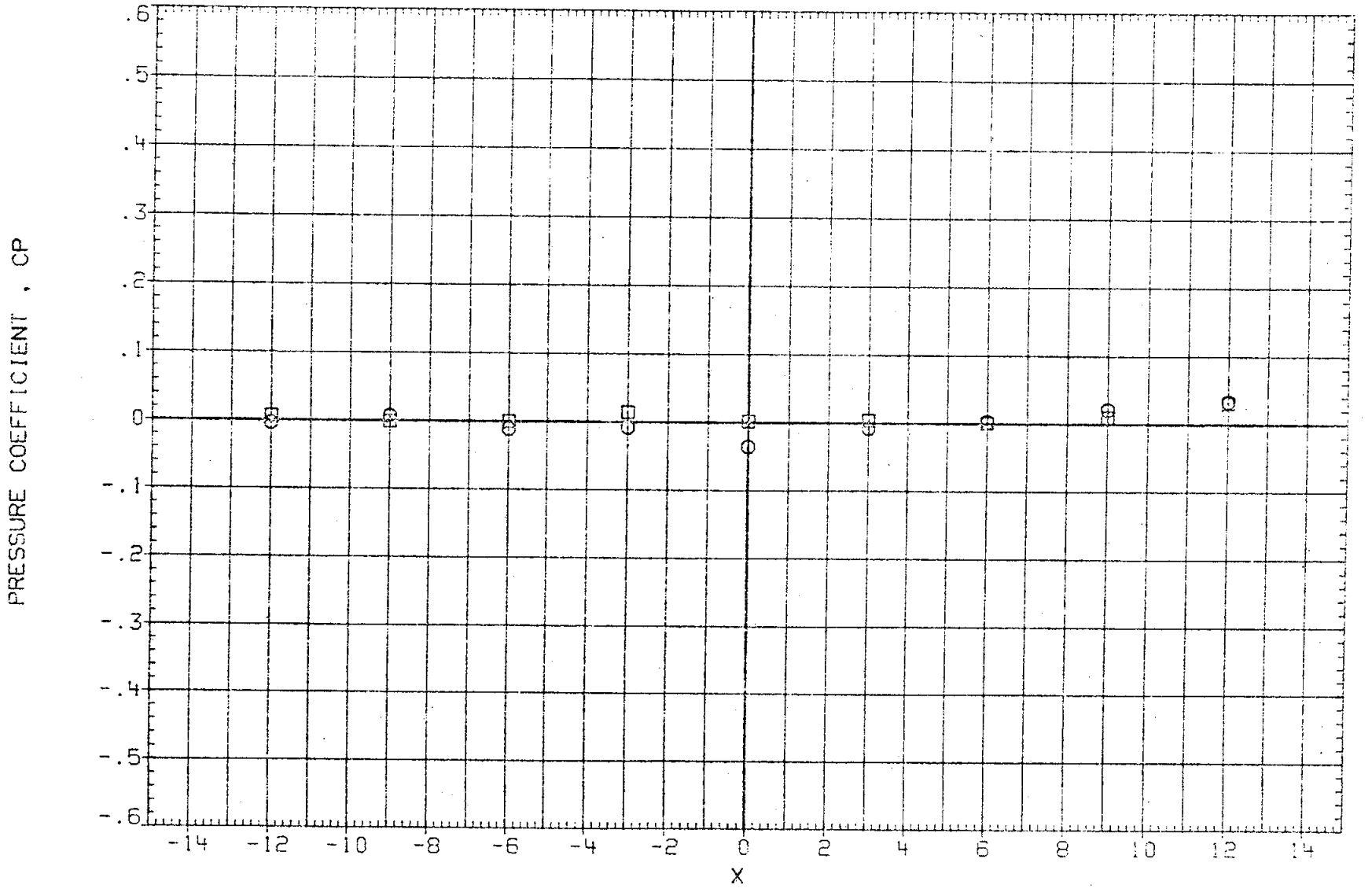


FIG. 75 FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TF31) OA-252 ( P90+S ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.506 | .802 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .002 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

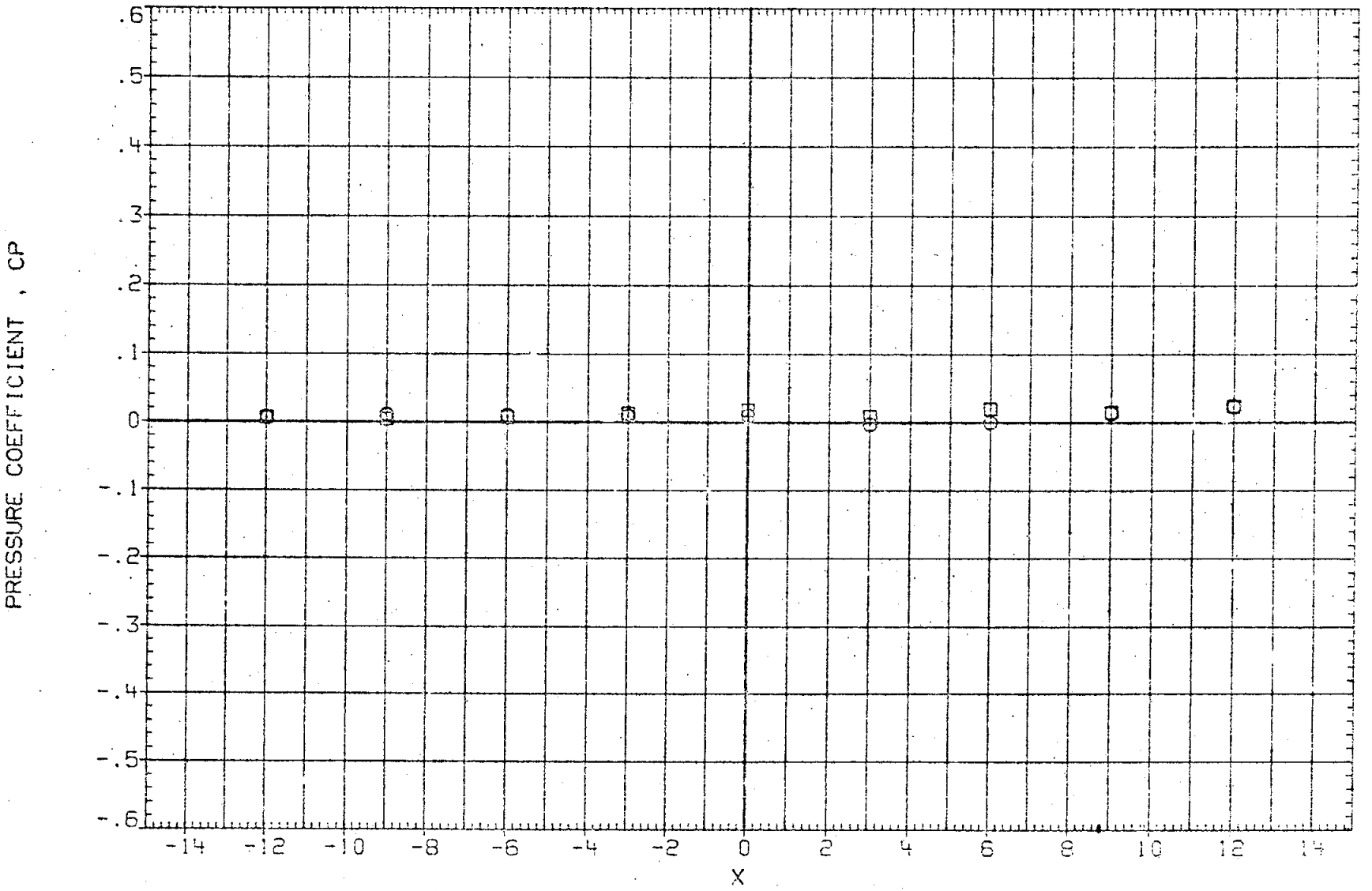


FIG. 76 FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

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(R3TF38) OA-252 ( P90+A+S ) FIXTURE PRESSURES

| SYMBOL | Y , | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.487 | .897 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

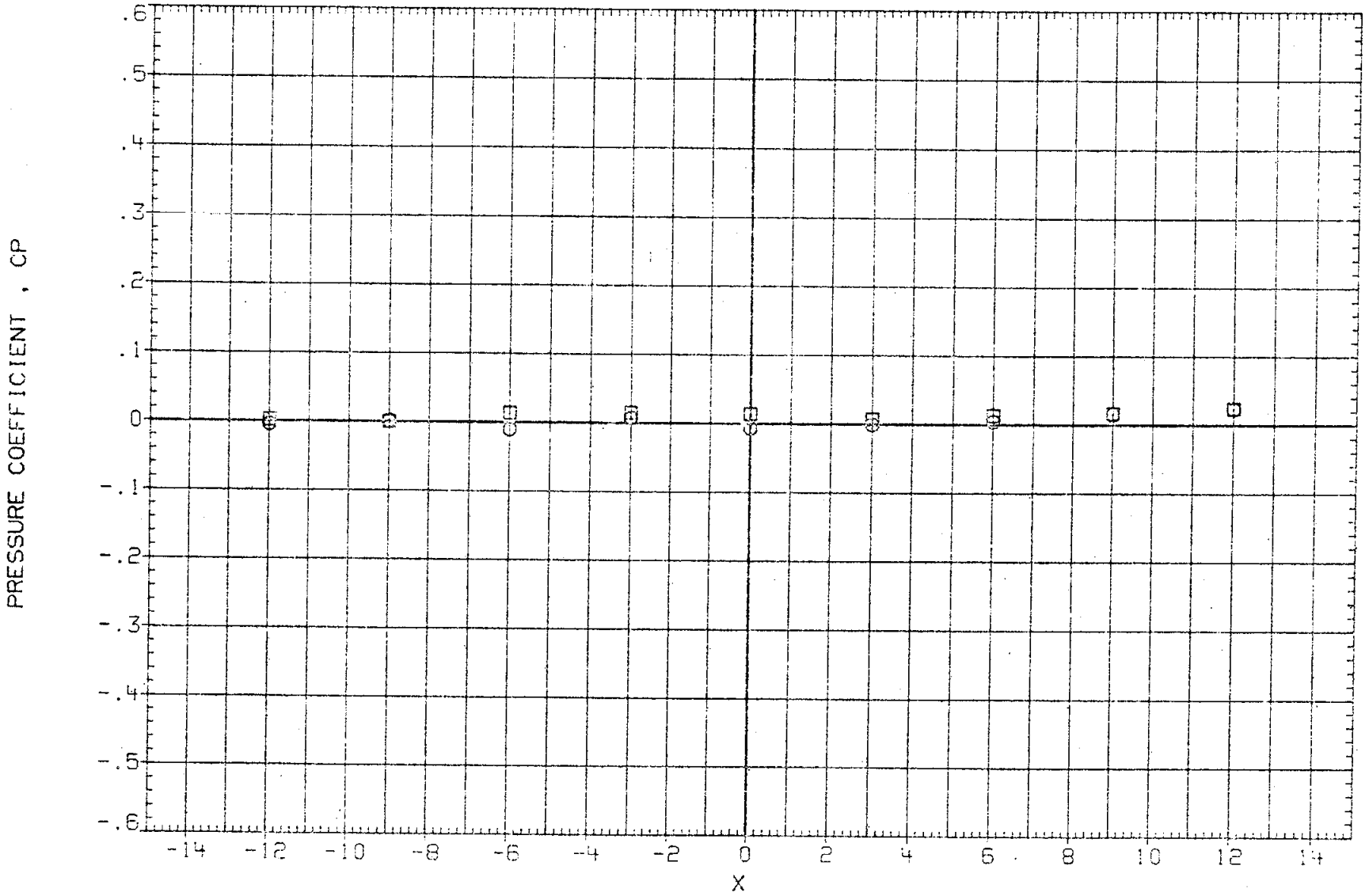


FIG. 77 FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR
WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TF10) OA-252 ( P90 ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.422 | .900 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.390 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

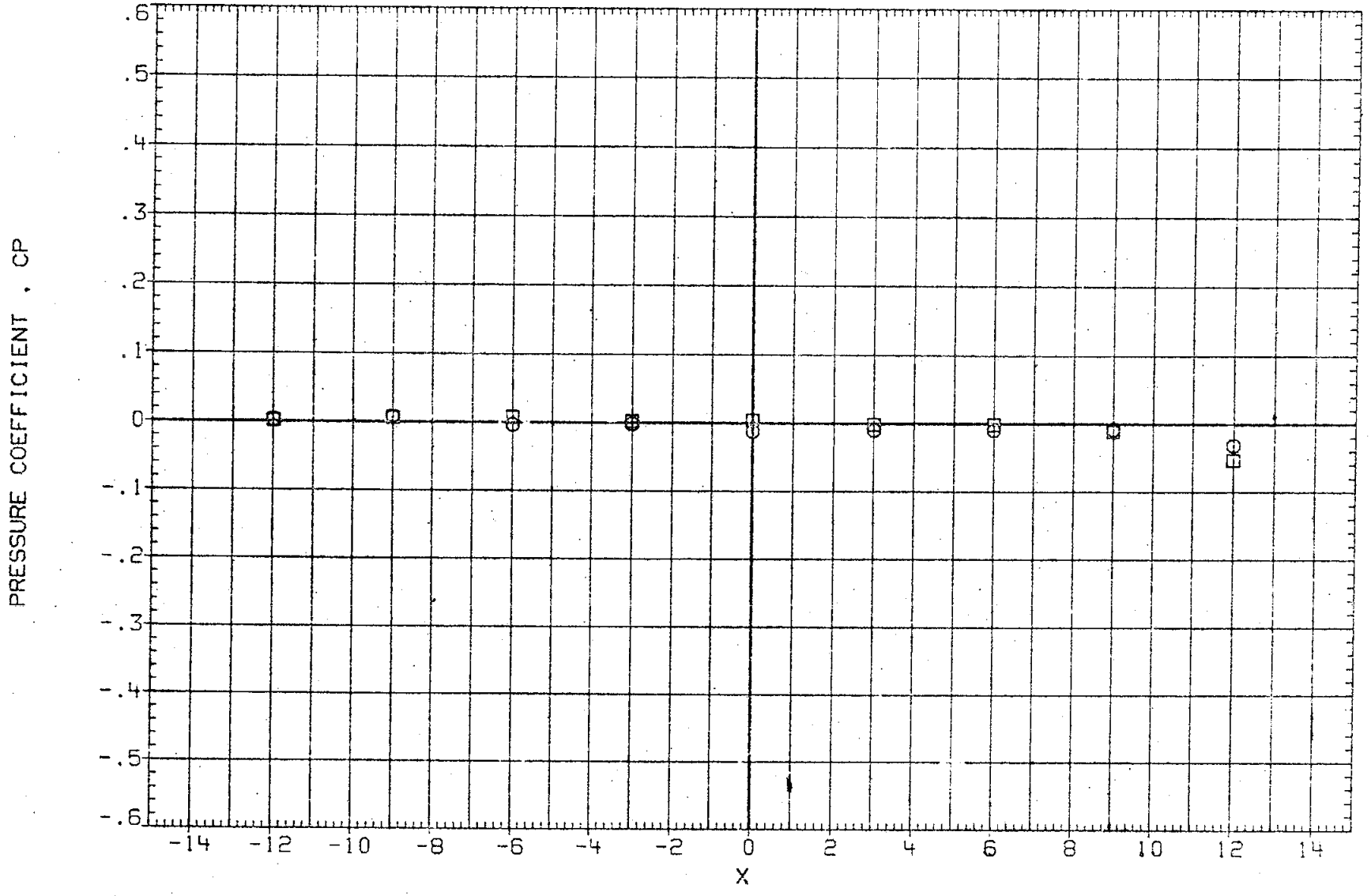


FIG. 78 FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY
WALL OUT, RN/FT = 4.5
DATE 13 JUN 80

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(R3TF26) OA-252 ( P90+A ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.385 | .901 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.305 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

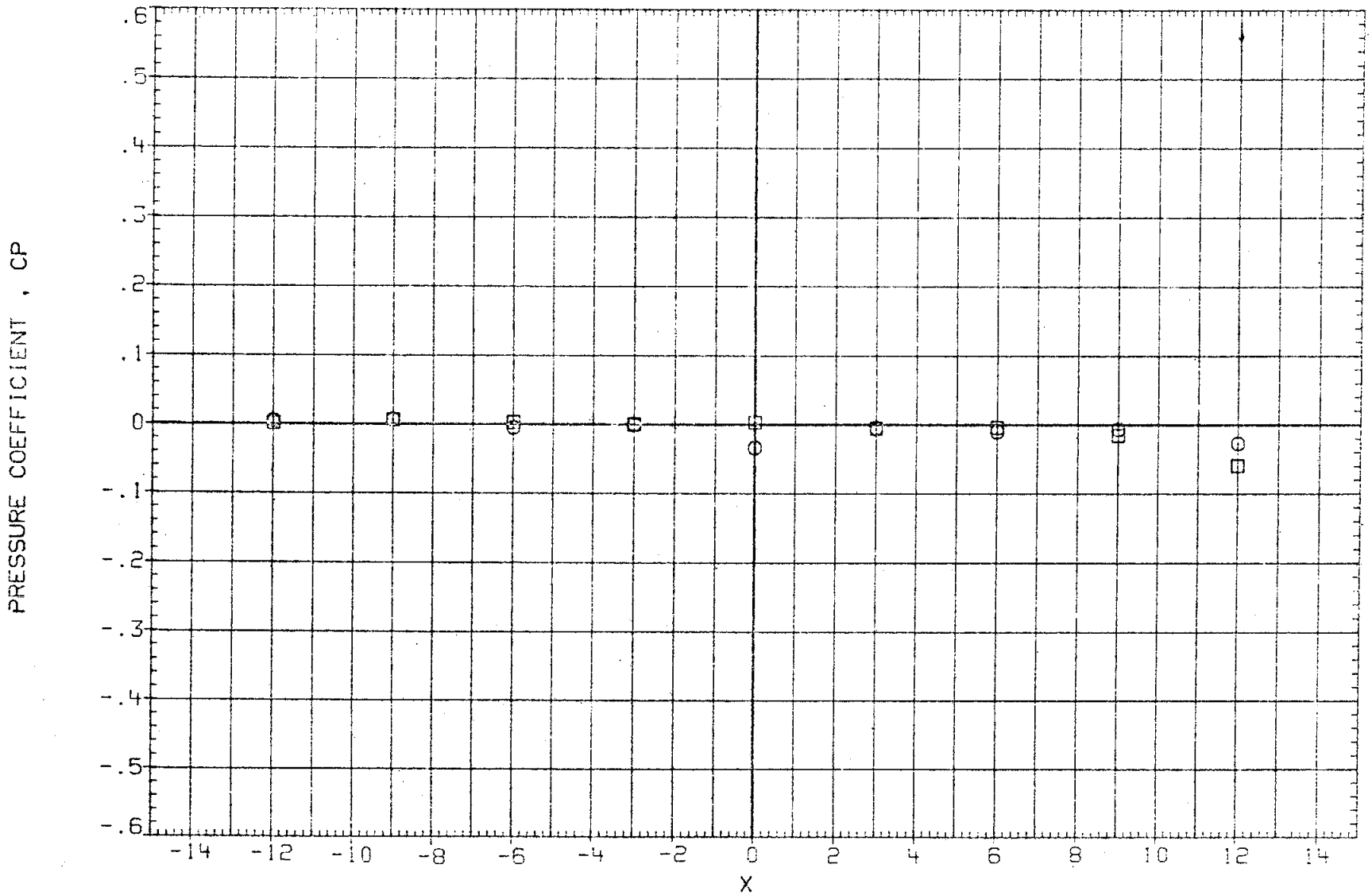


FIG. 79 FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

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(R3TF35) OA-252 ( P90+S ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.430 | .900 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.399 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

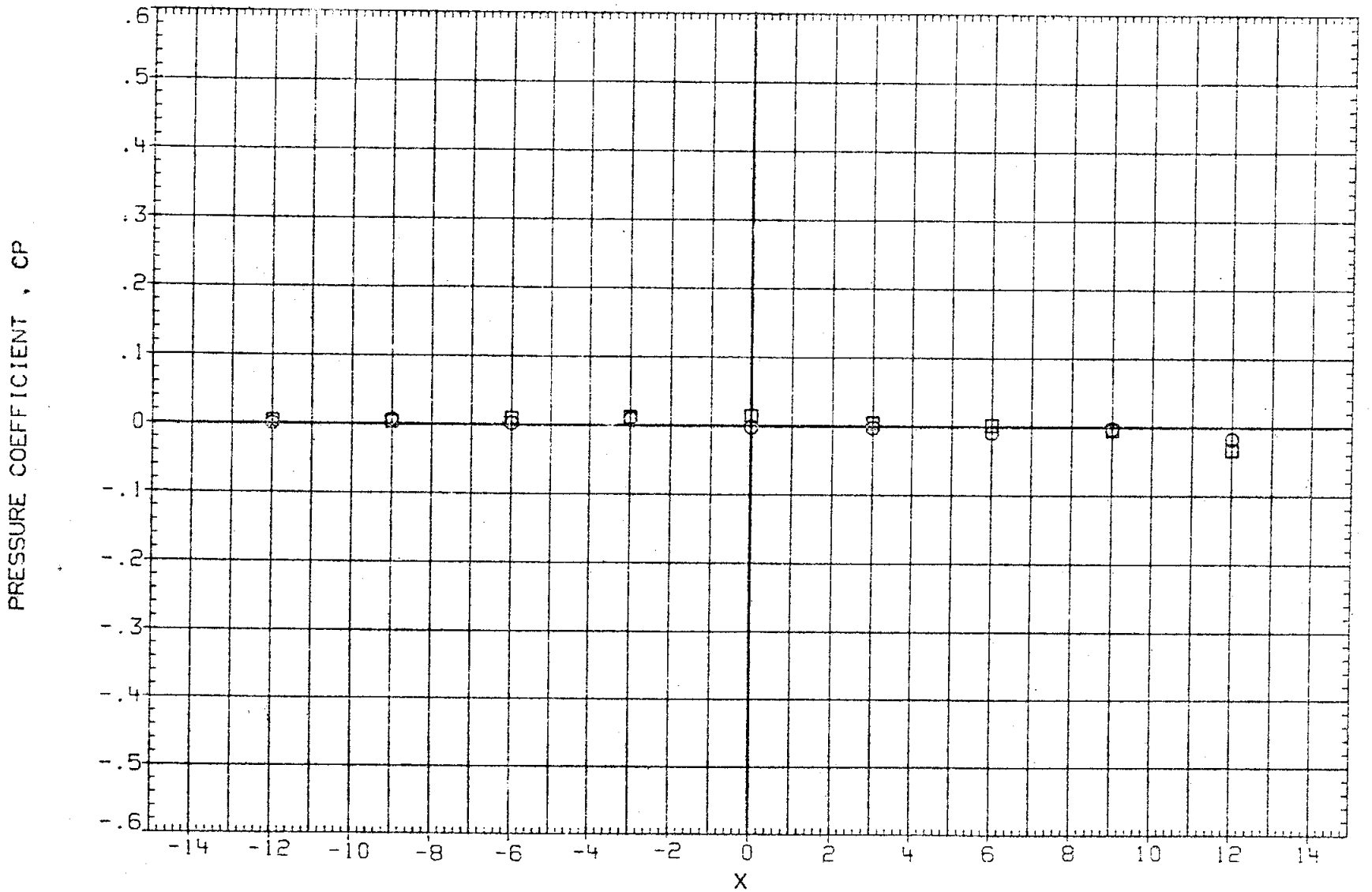


FIG. 80 FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR
WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

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(R3TF41) OA-252 ( P90+A+S ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.430 | .898 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | 1.388 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .000 | | |

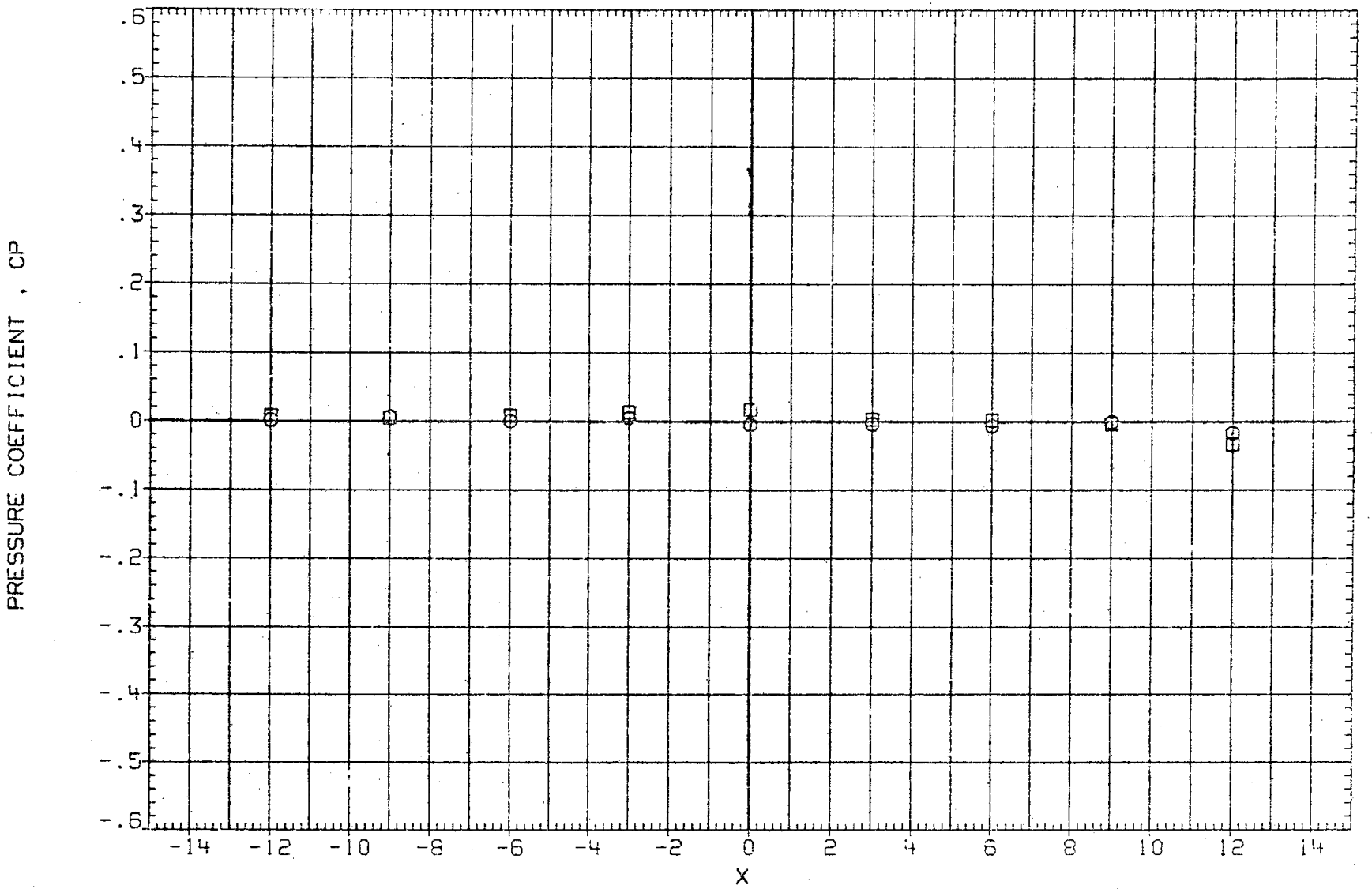


FIG. 81 FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY W/SHOCK GENERATOR WALL OUT, RN/FT = 4.5

DATE 13 JUN 80

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(R3TF43) OA-252 ( P90 ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.521 | .893 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | -.020 |
| STEP-A | -.020 | | |

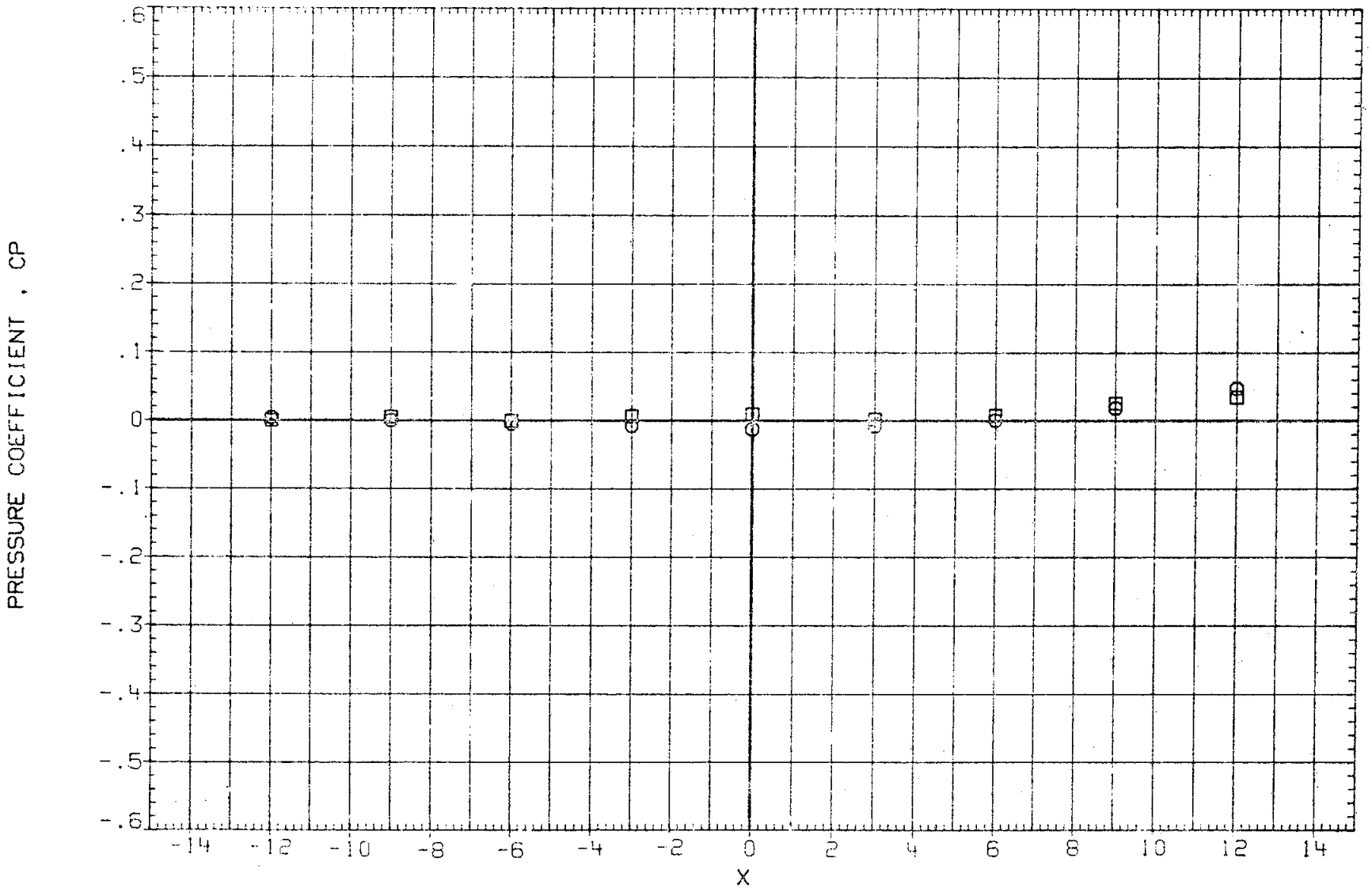


FIG. 90 FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TF44) OA-252 ( P90 ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.508 | .900 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .000 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .020 |
| STEP-A | .020 | | |

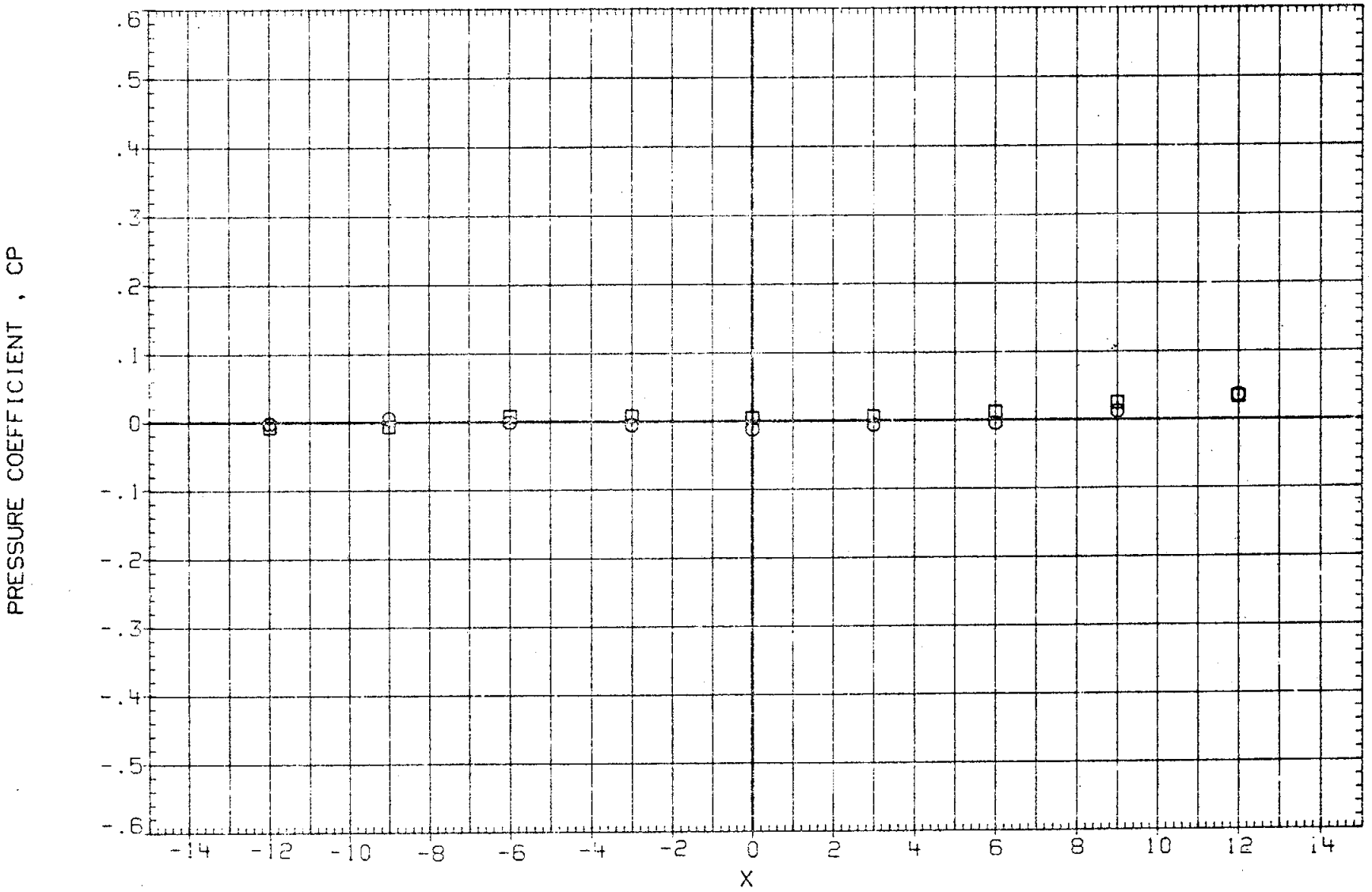


FIG. 91 FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TF46) OA-252 ( P90 ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.493 | .898 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .030 | STEP-F | .000 |
| STEP-A | .160 | | |

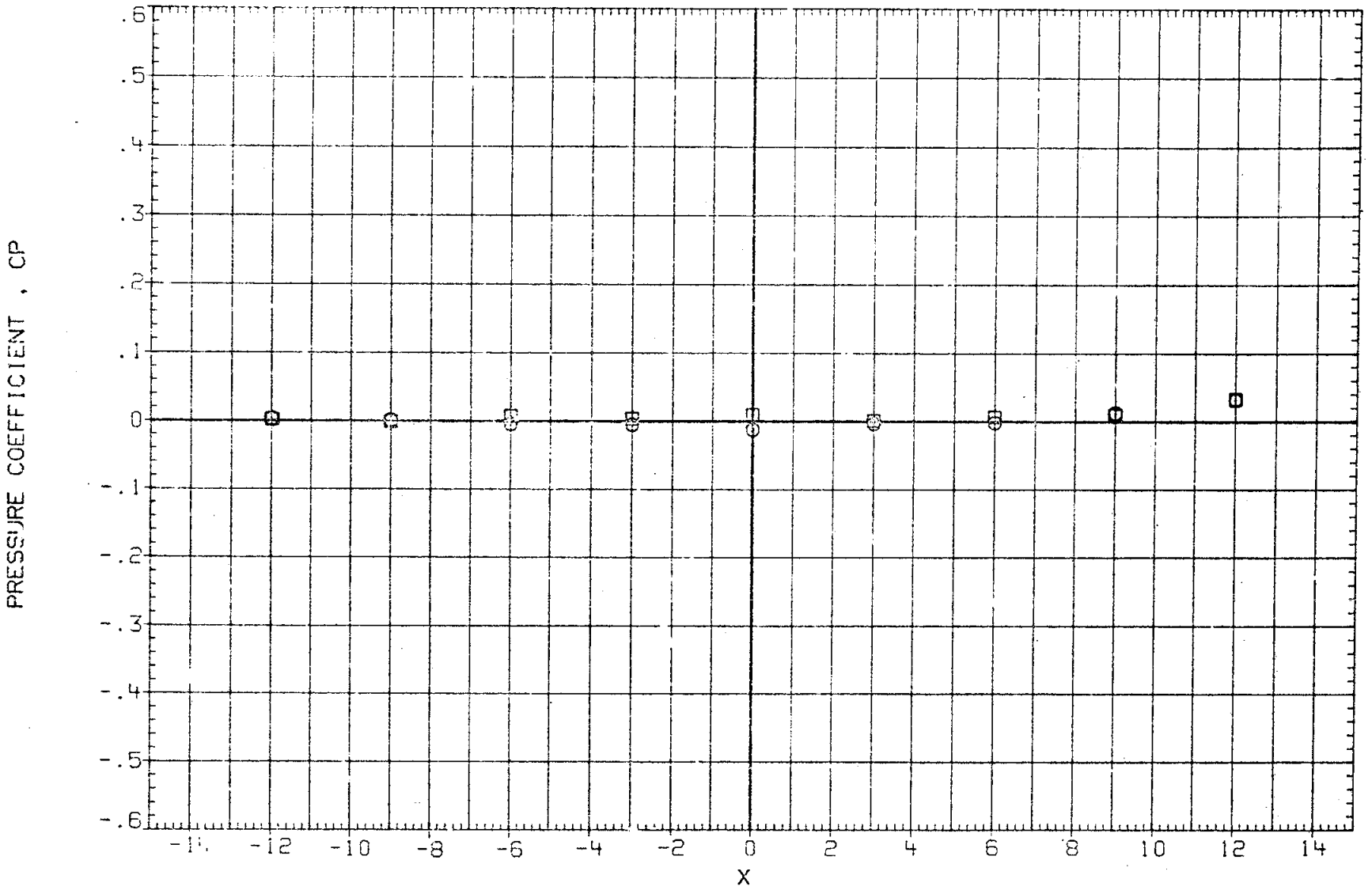


FIG. 92 FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5

DATE 13 JUN 80

(R3TF47) OA-252 ( P90 ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.393 | .995 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .017 | STEP-F | .000 |
| STEP-A | .000 | | |

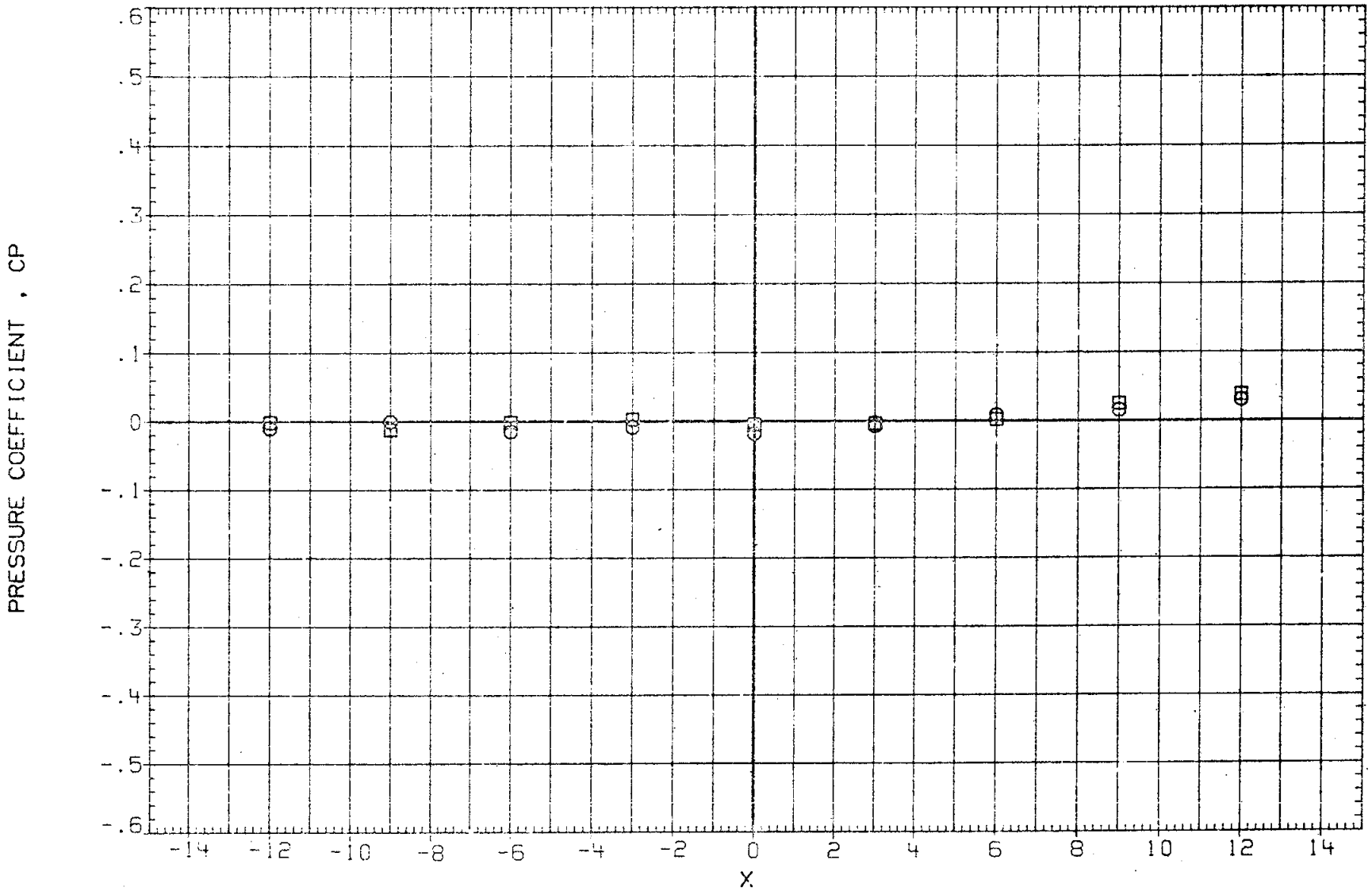


FIG. 93 FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

(R3TF48) OA-252 ( P90 ) FIXTURE PRESSURES

| SYMBOL | Y | RN/L | MACH |
|---|---|---|---|
| ○ | -10.700 | 4.383 | .896 |
| □ | 10.700 | | |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| HWALL | .001 | PANEL | 90.000 |
| GAP | .067 | STEP-F | .000 |
| STEP-A | .000 | | |

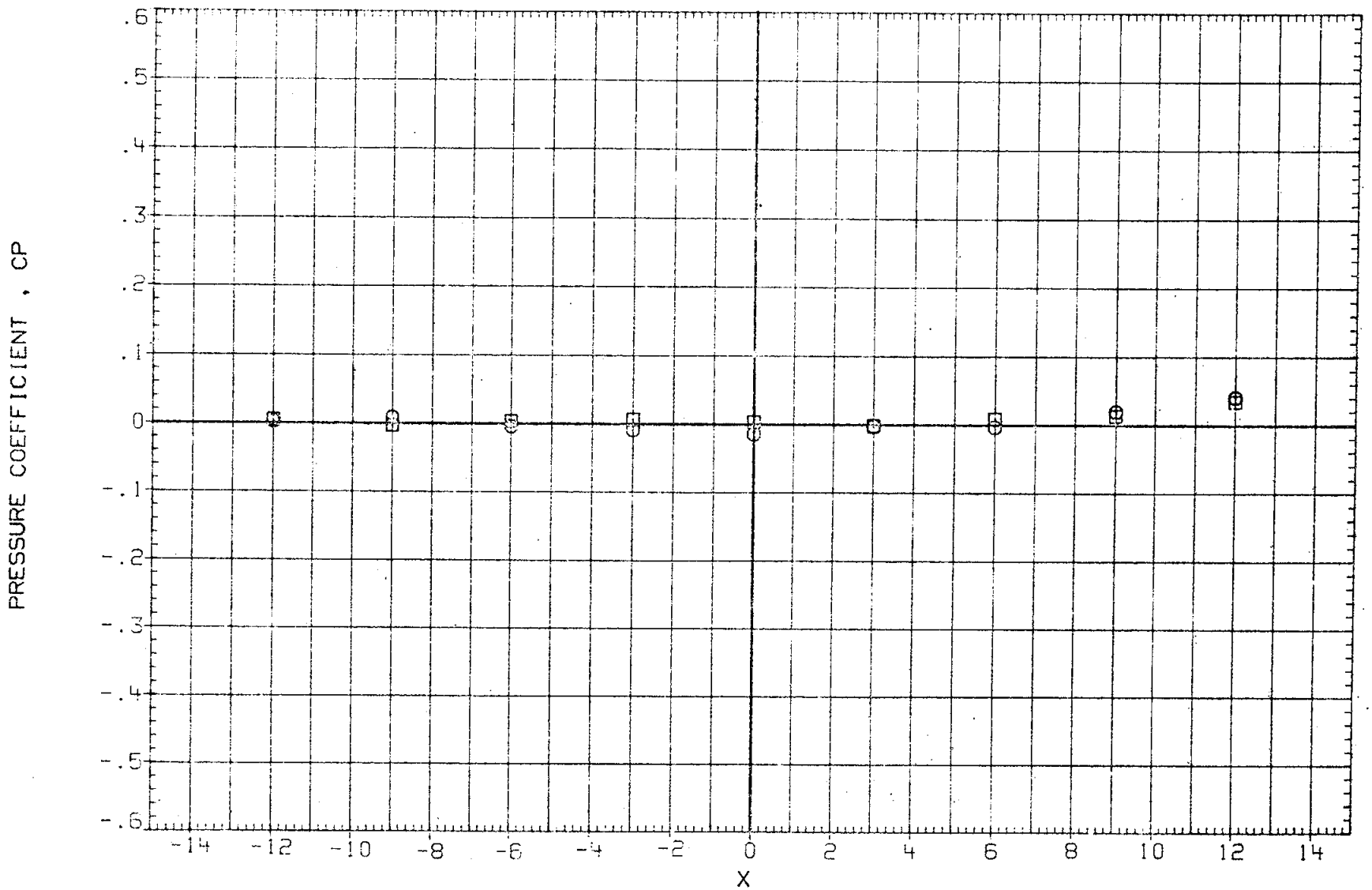


FIG. 94 FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5
DATE 13 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

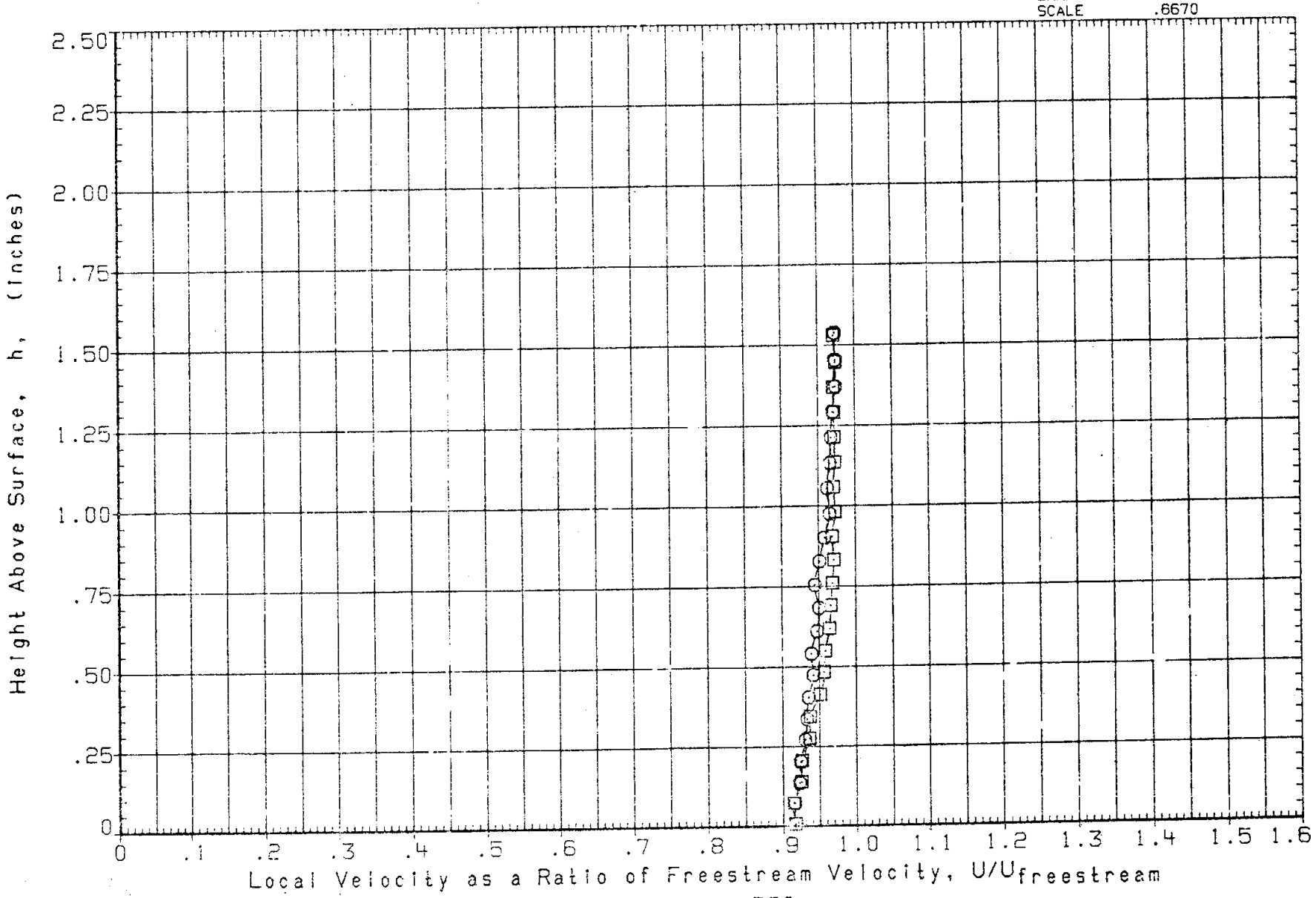


FIG. 100 BOUNDARY LAYER VELOCITY PROFILE, P90

(A)MACH = .60 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 38E-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

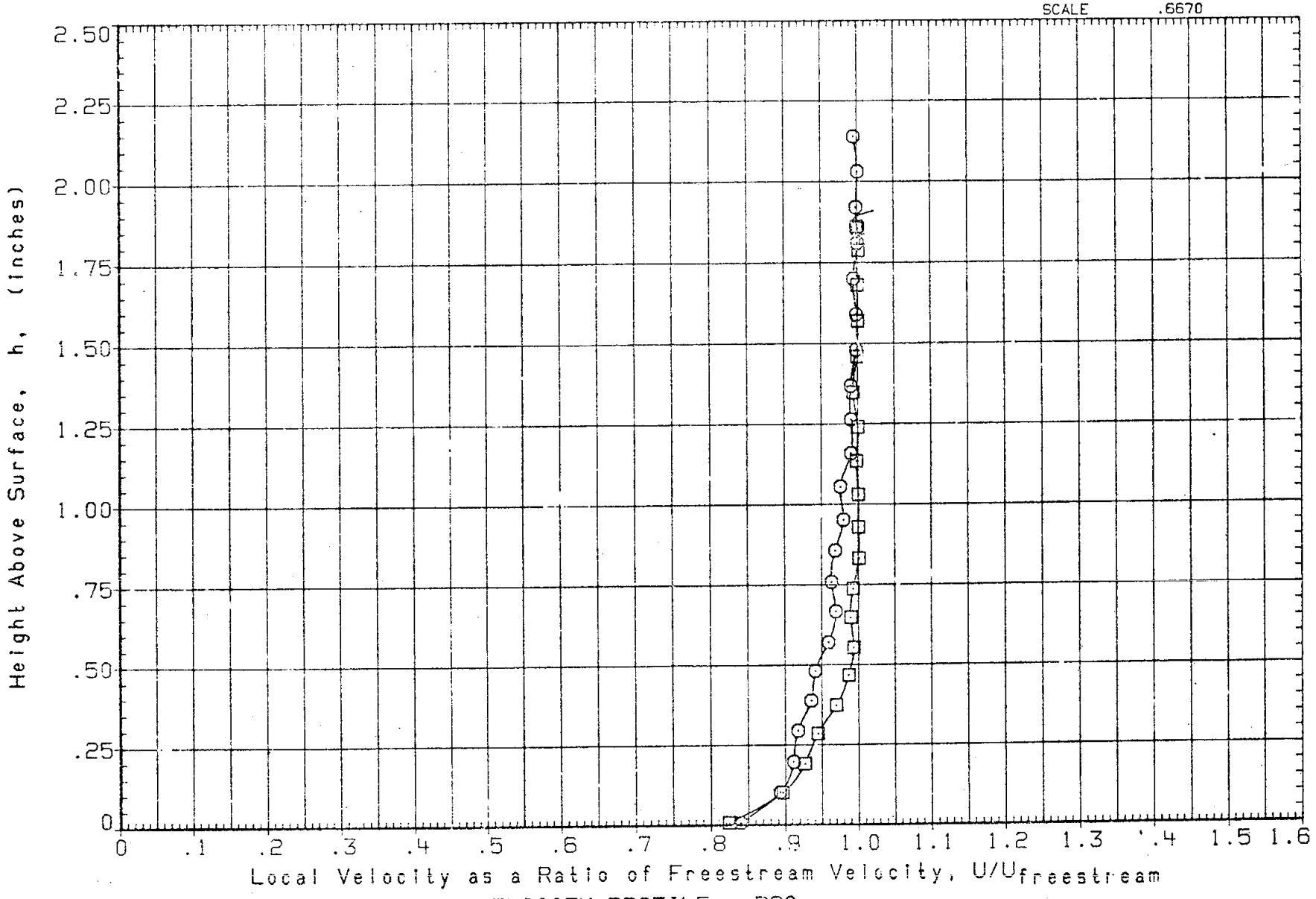


FIG. 100 BOUNDARY LAYER VELOCITY PROFILE, P90

(B)MACH = .80 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

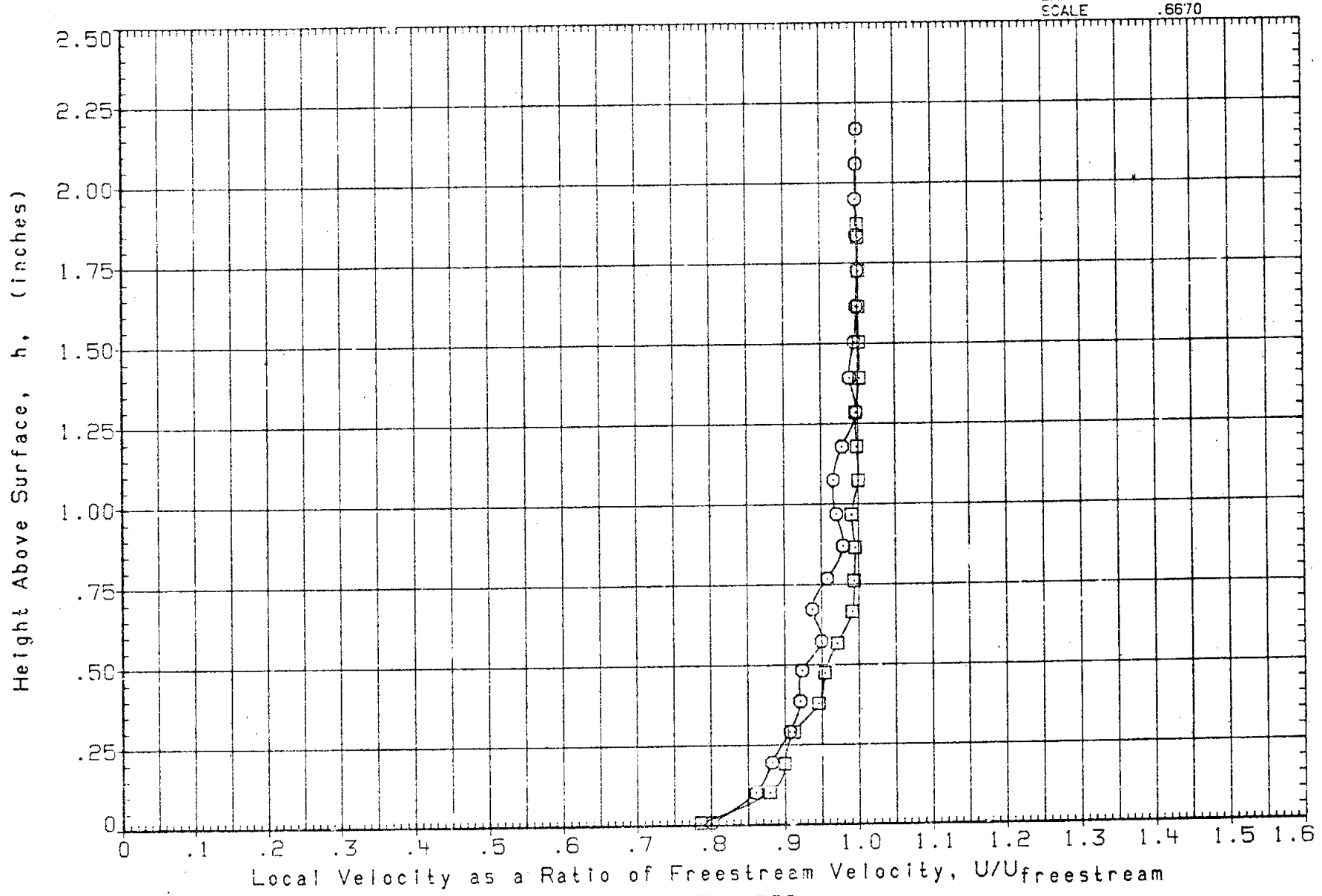


FIG. 100 BOUNDARY LAYER VELOCITY PROFILE, P90

(C)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TP04 | ○ | OA252 (ARC 380-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

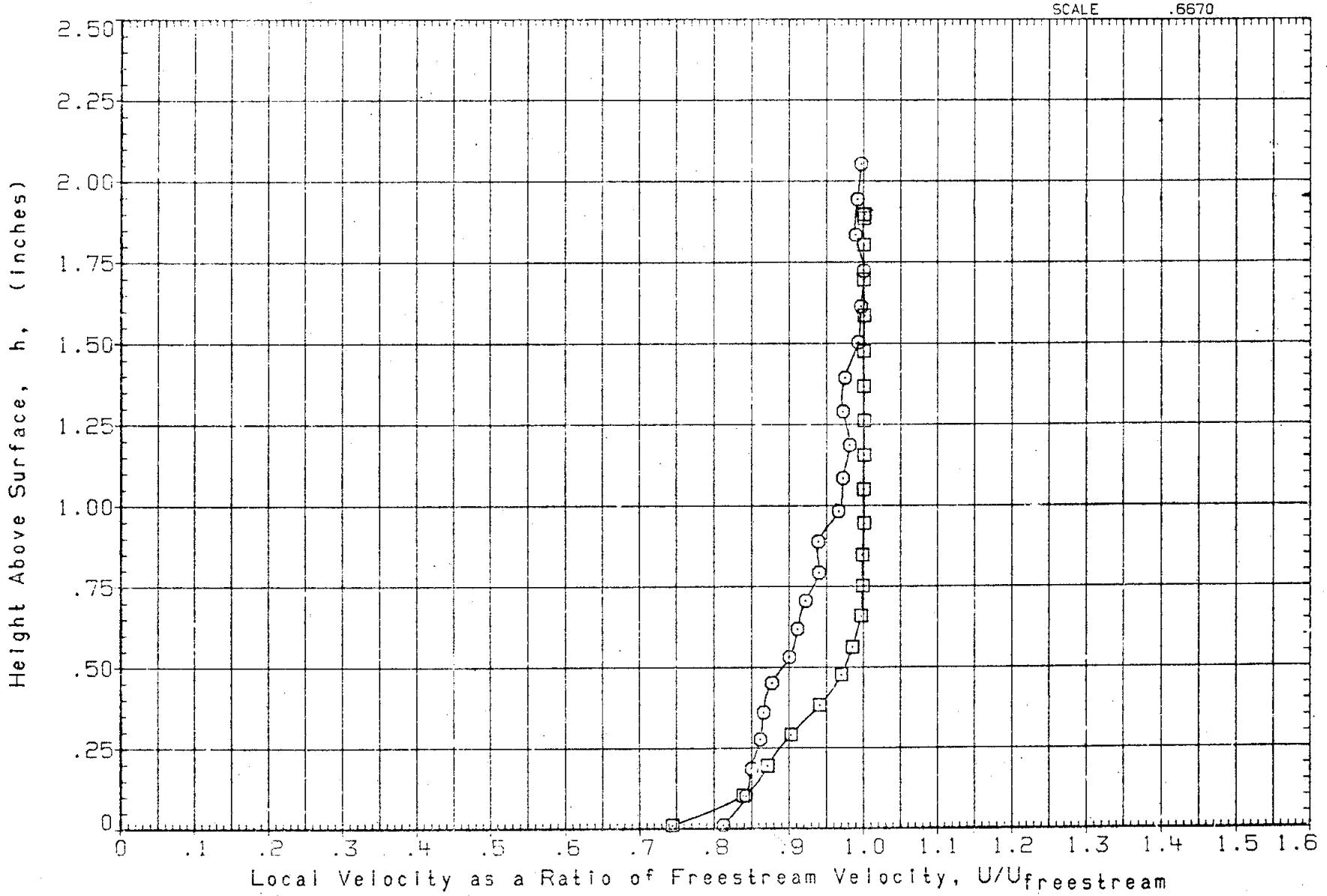


FIG. 100 BOUNDARY LAYER VELOCITY PROFILE, P90

(D)MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 392-1-22) P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 392-1-22) P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

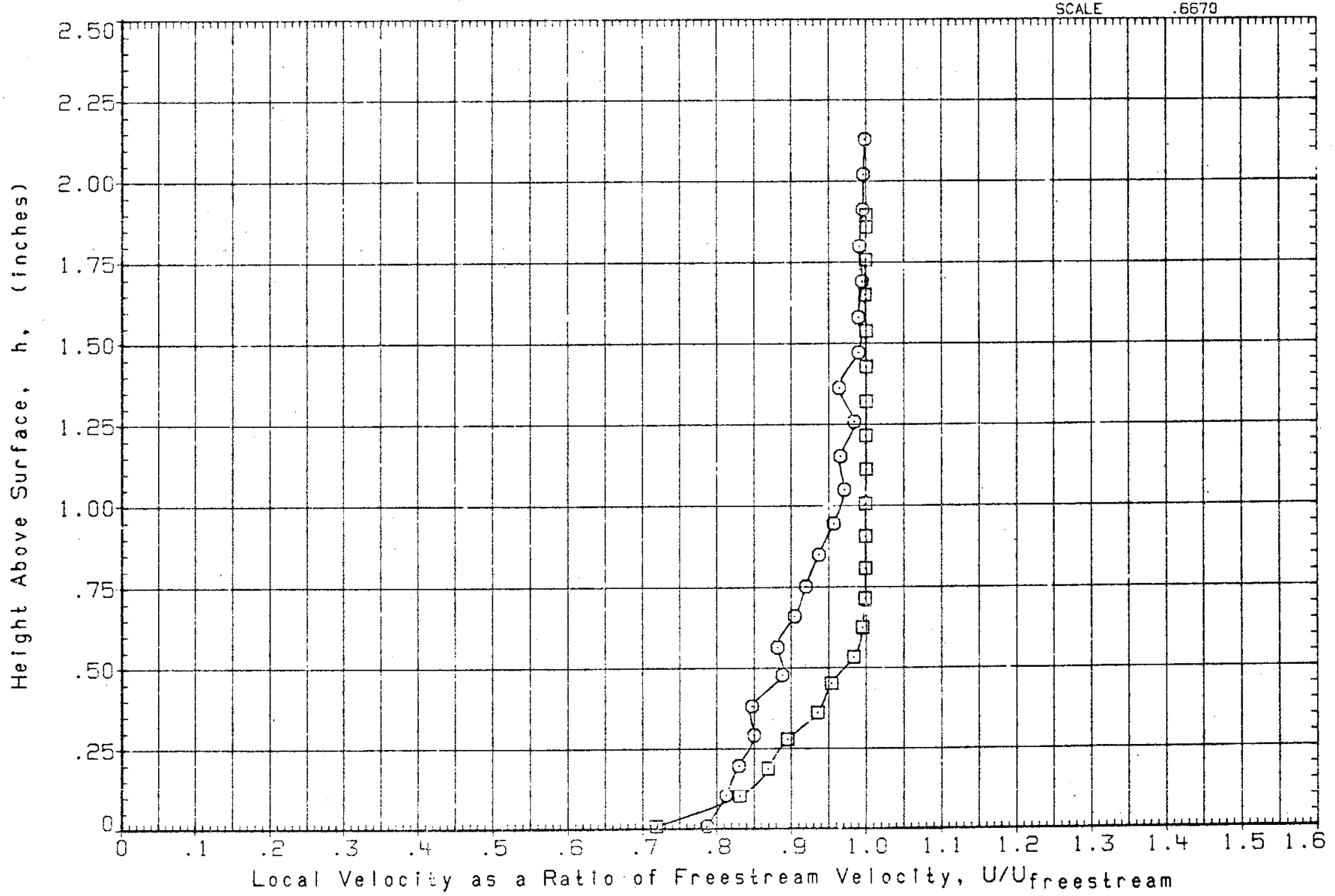


FIG. 100 BOUNDARY LAYER VELOCITY PROFILE, P90

(E)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

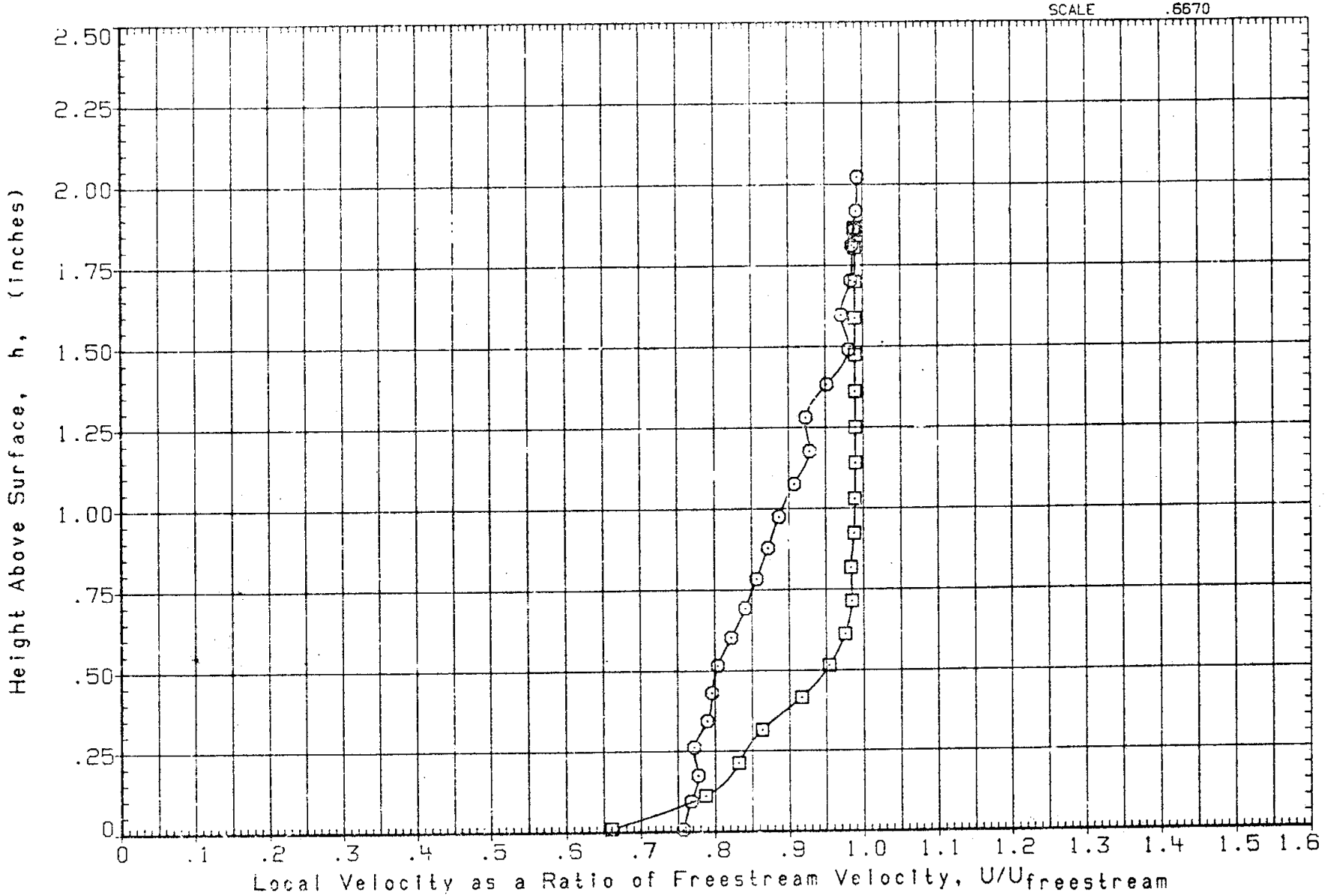


FIG. 100 BOUNDARY LAYER VELOCITY PROFILE, P90

(F)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

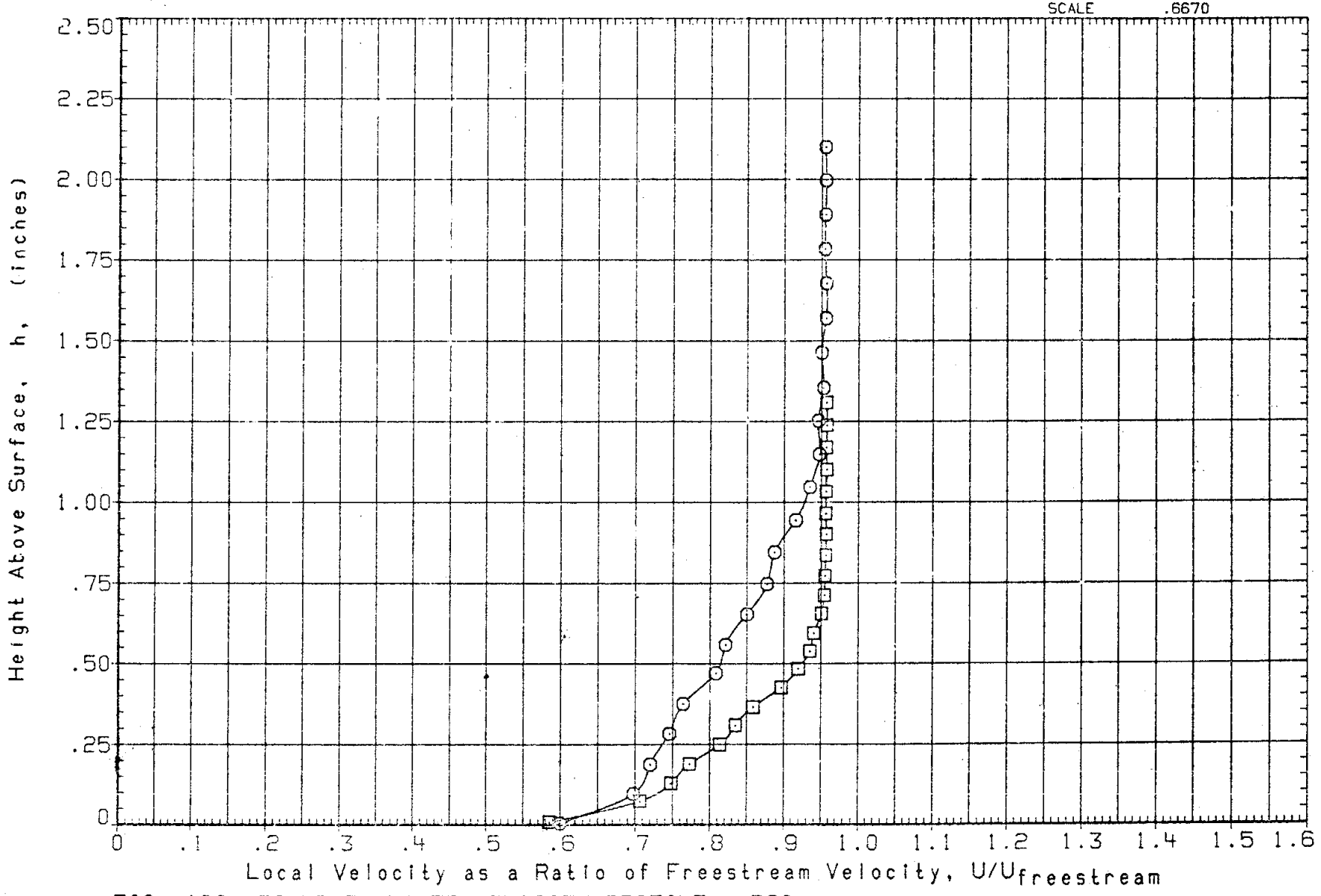


FIG. 100 BOUNDARY LAYER VELOCITY PROFILE, P90

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

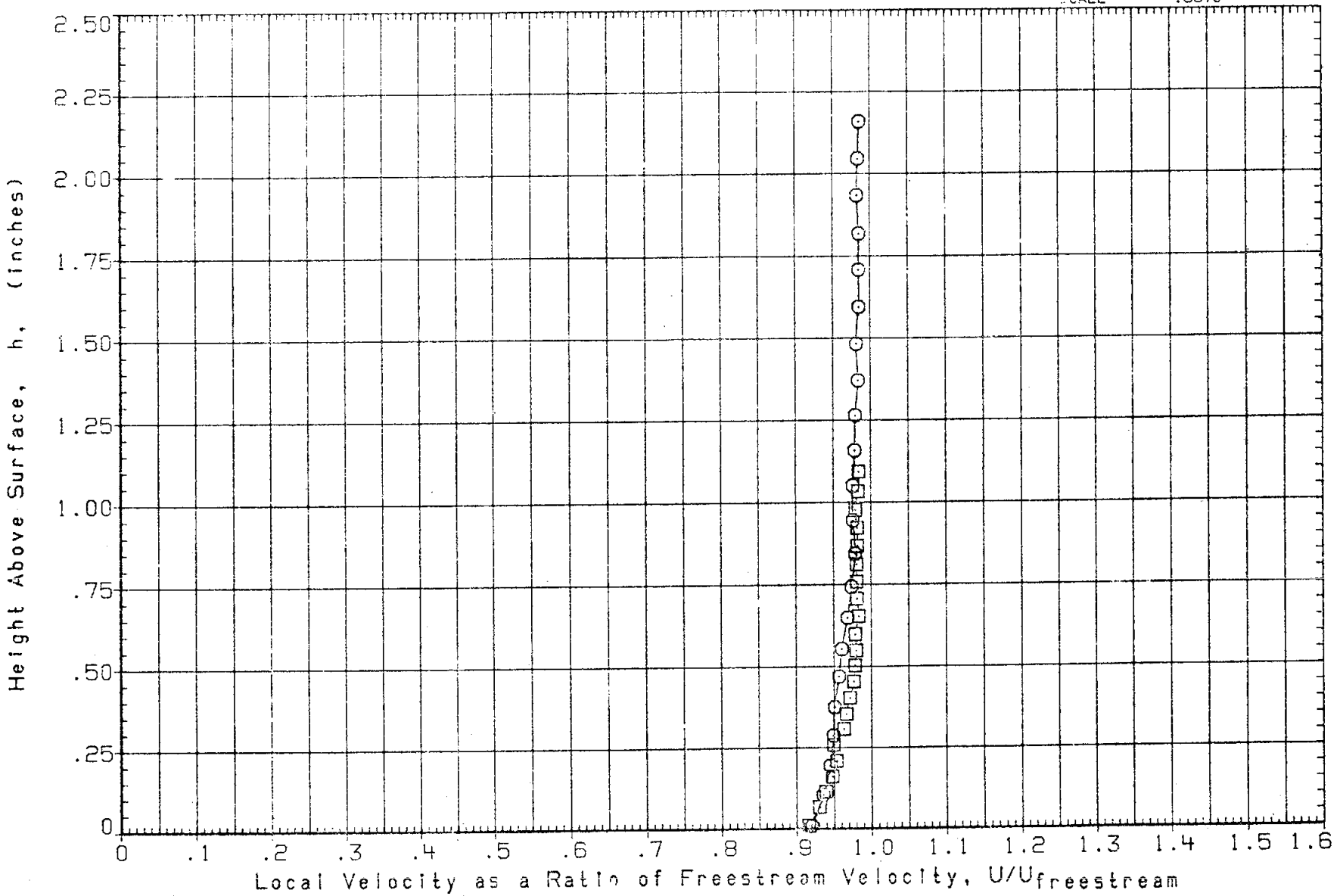


FIG. 101 BOUNDARY LAYER VELOCITY PROFILE, P90 + A

(A)MACH = .60 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

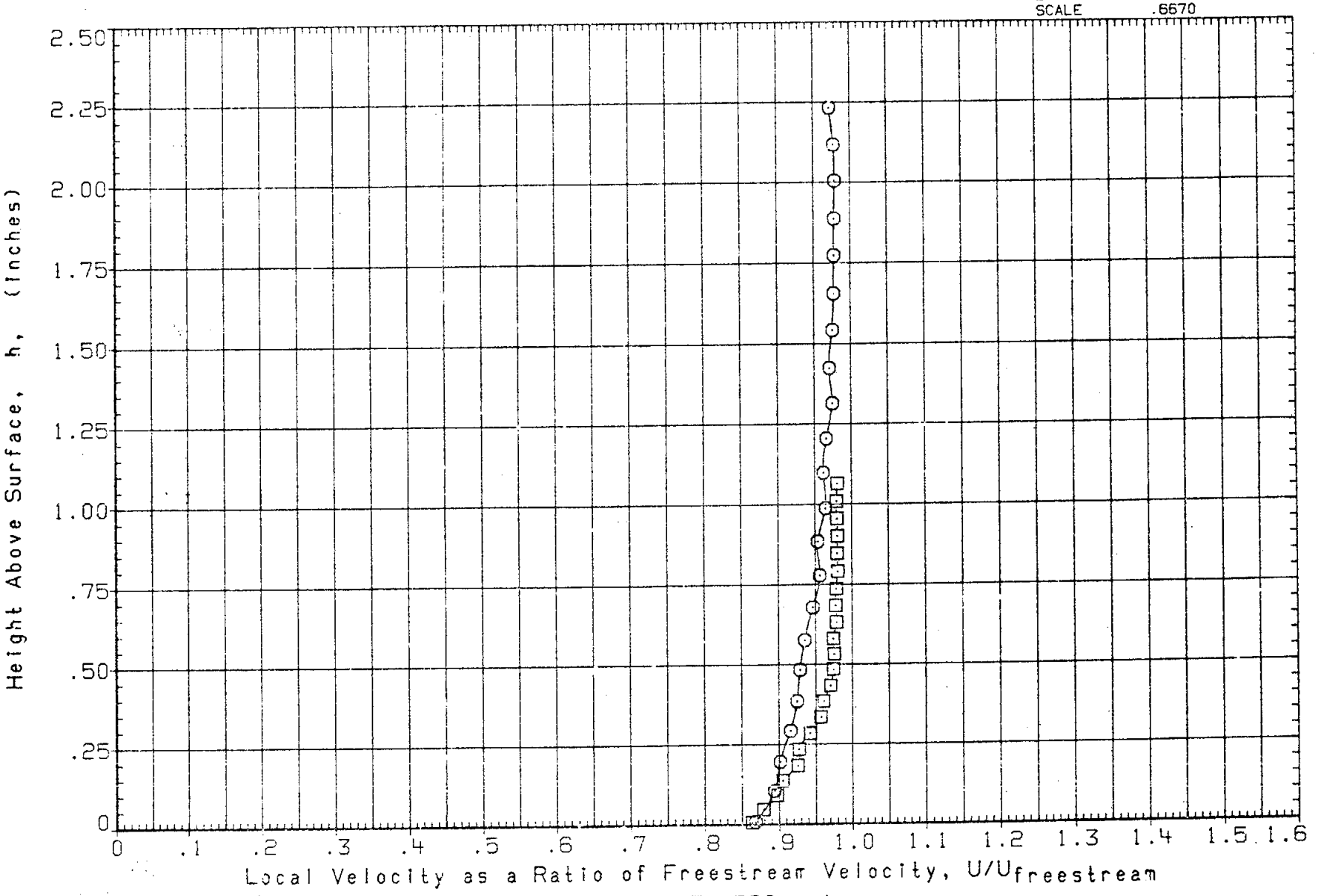


FIG. 101 BOUNDARY LAYER VELOCITY PROFILE, P90 + A

(B)MACH = .80 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 302-1-22) P90 + A | .000 | 90.000 |
| A3TL25 | □ | OA252 (ARC 302-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

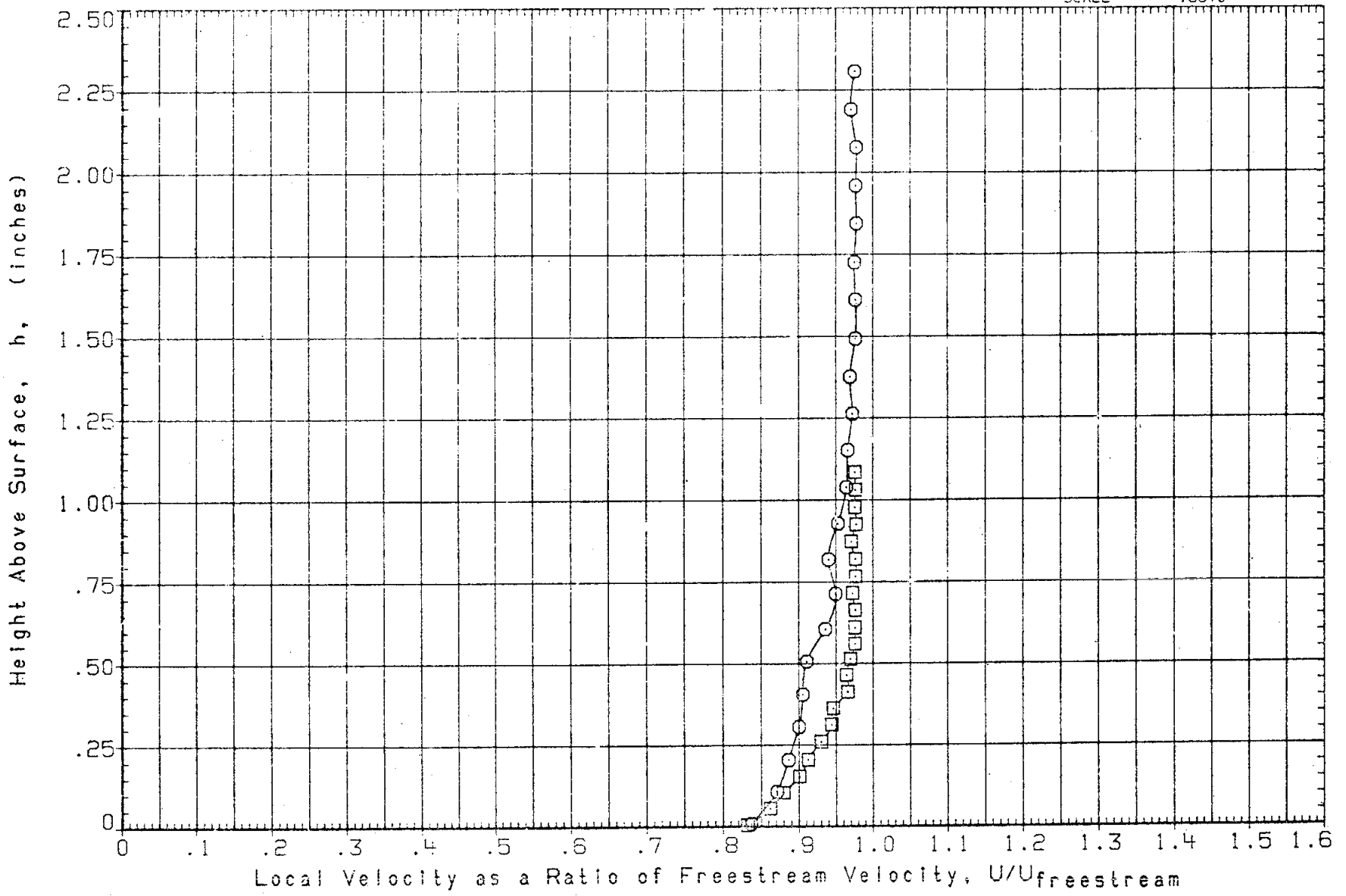


FIG. 101 BOUNDARY LAYER VELOCITY PROFILE, P90 + A

(C)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

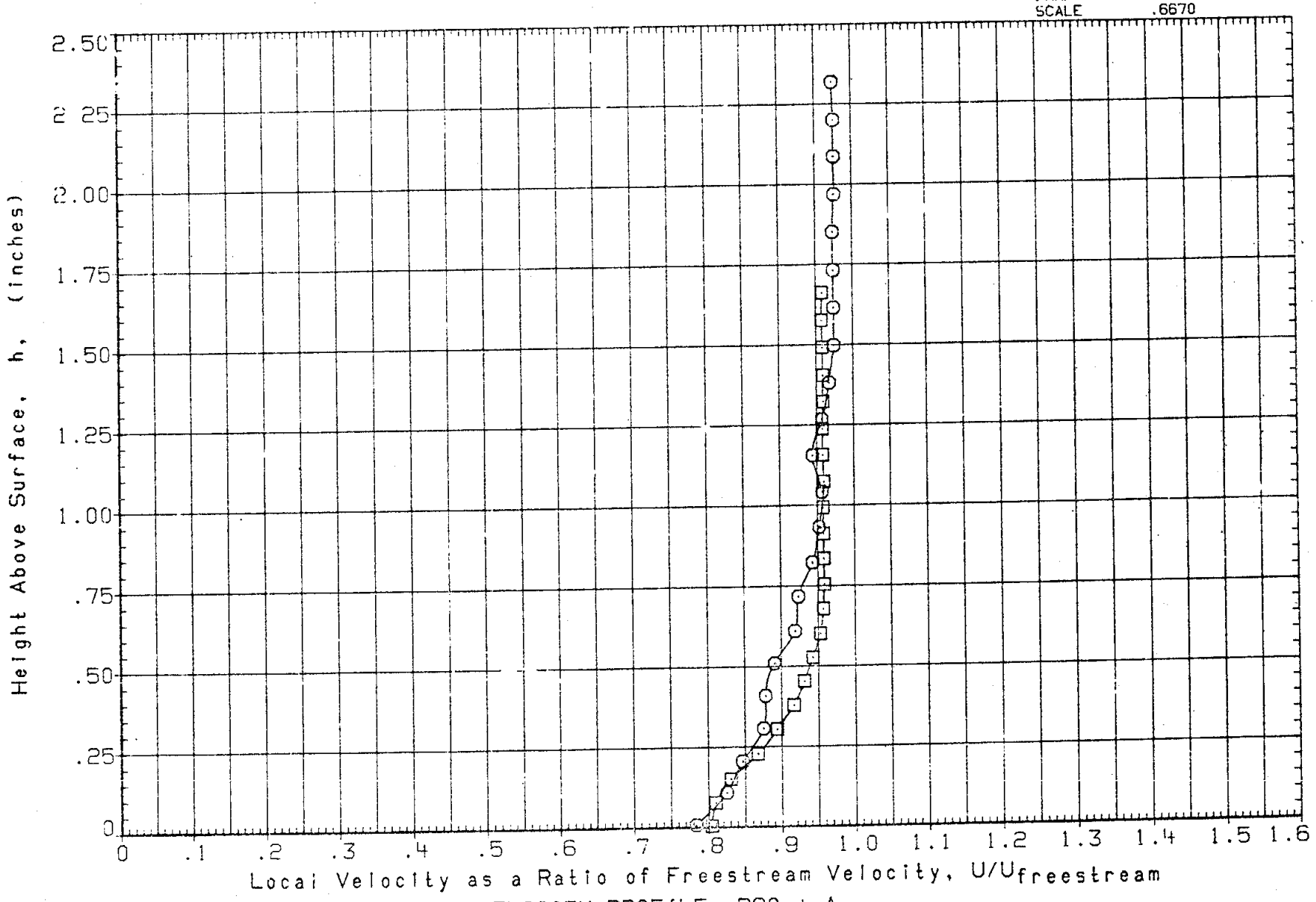


FIG. 101 BOUNDARY LAYER VELOCITY PROFILE, P90 + A

(D)MACH = 1.06 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

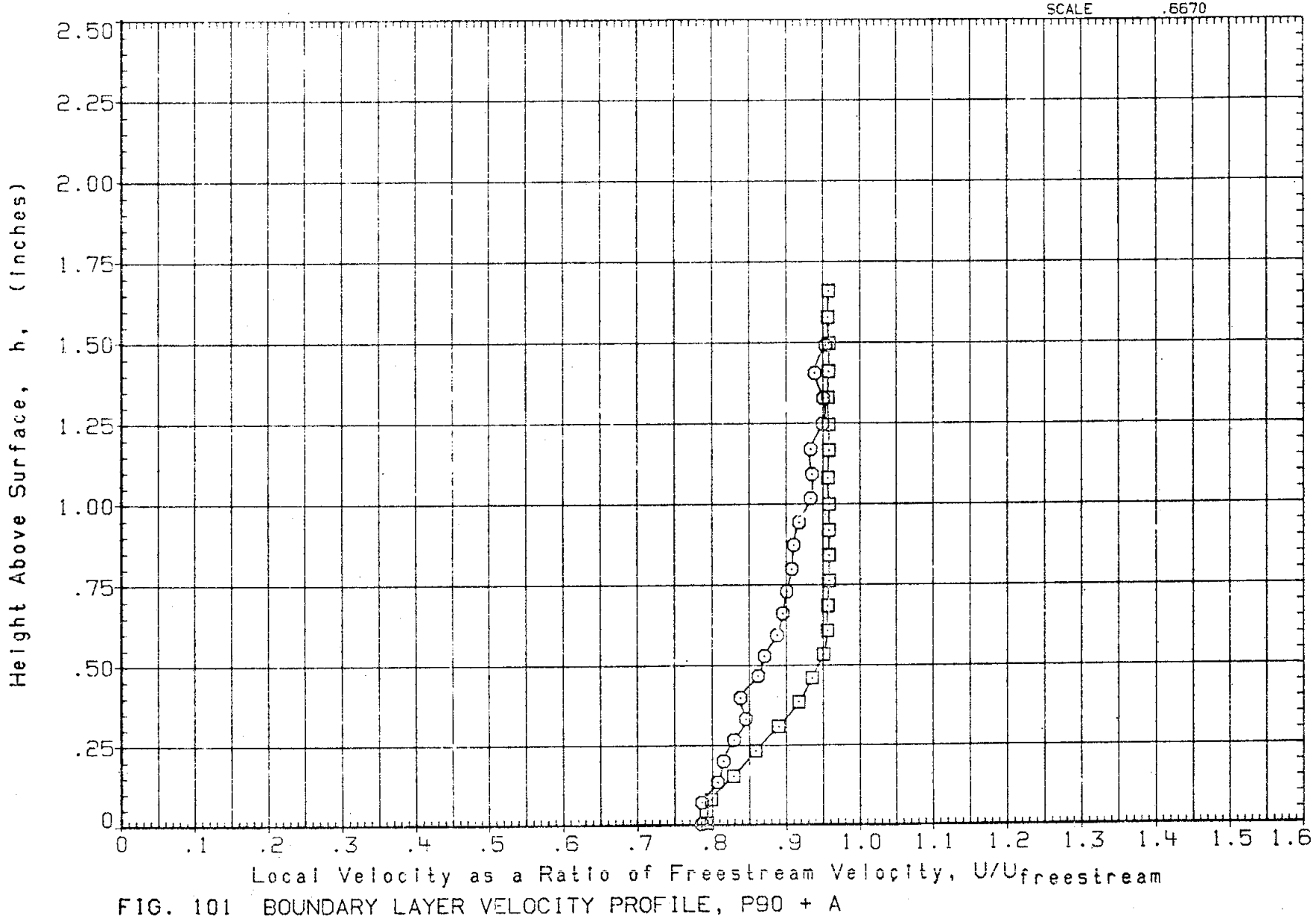


FIG. 101 BOUNDARY LAYER VELOCITY PROFILE, P90 + A

(E)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

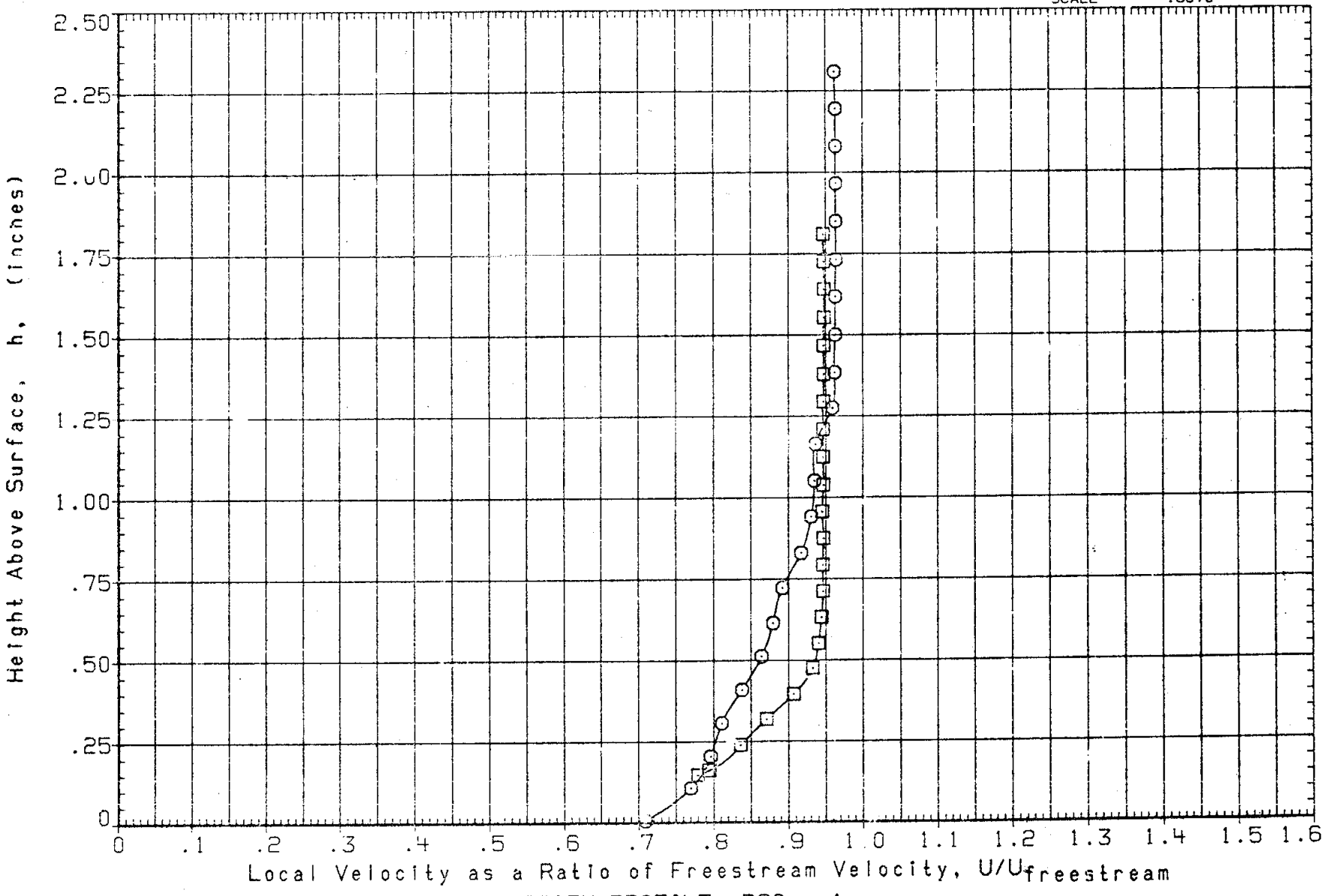


FIG. 101 BOUNDARY LAYER VELOCITY PROFILE, P90 + A

(F)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

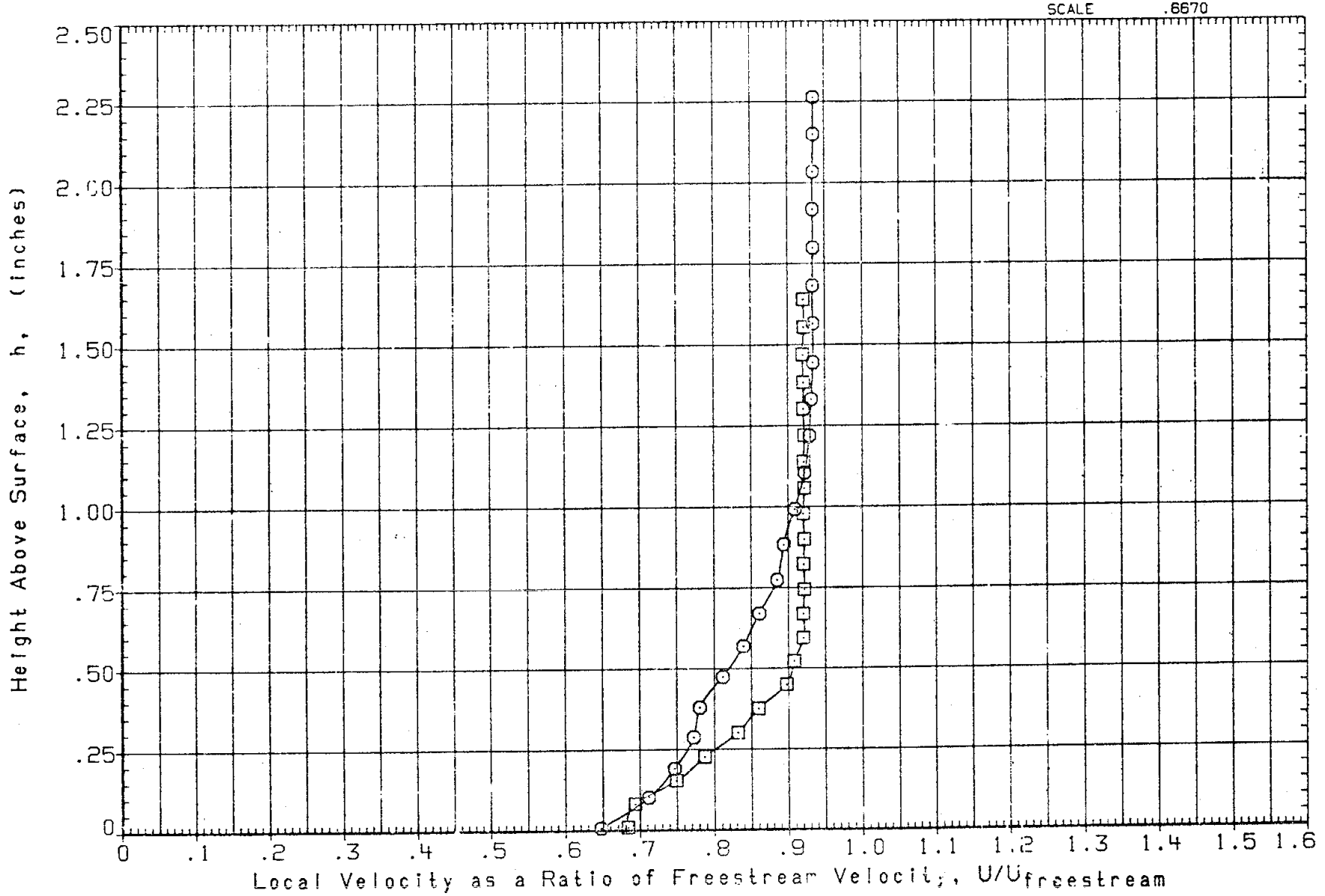


FIG. 101 BOUNDARY LAYER VELOCITY PROFILE, P90 + A

(G)MACH = 1.40 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) | P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) | P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

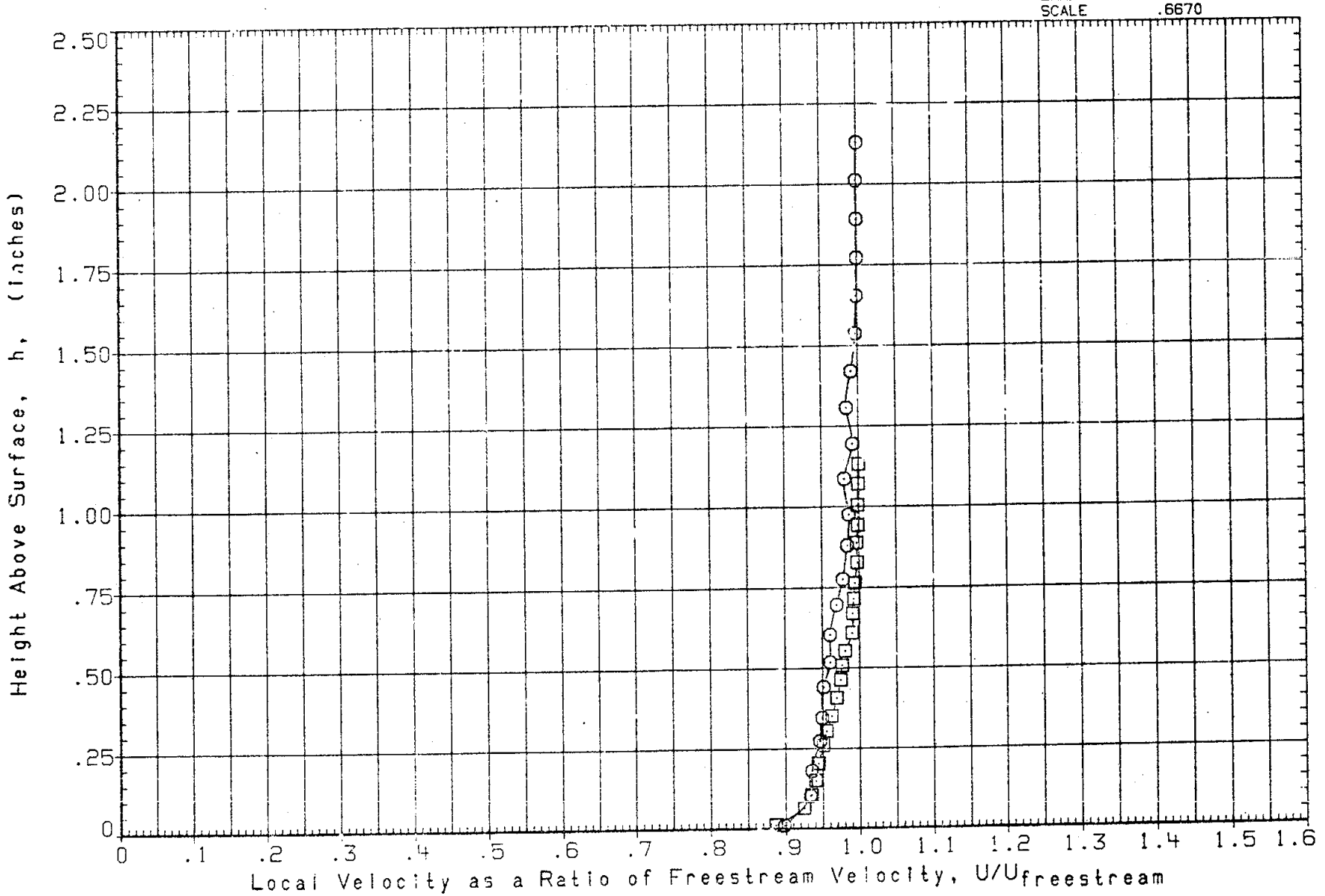


FIG. 102 BOUNDARY LAYER VELOCITY PROFILE, P90 + S

(A)MACH = .60 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) | P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) | P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

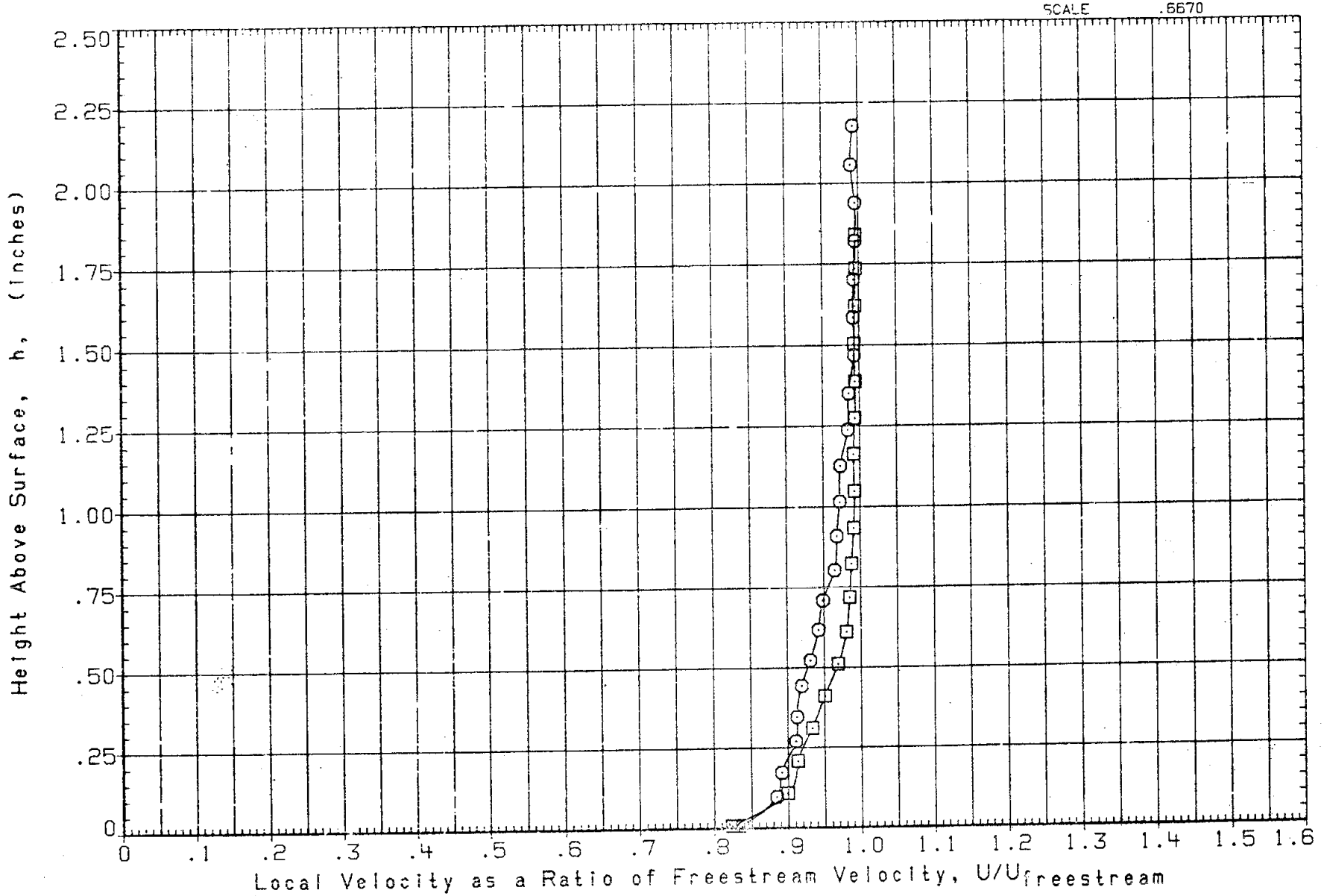


FIG. 102 BOUNDARY LAYER VELOCITY PROFILE, P90 + S

(B)MACH = .80

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) | P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) | P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

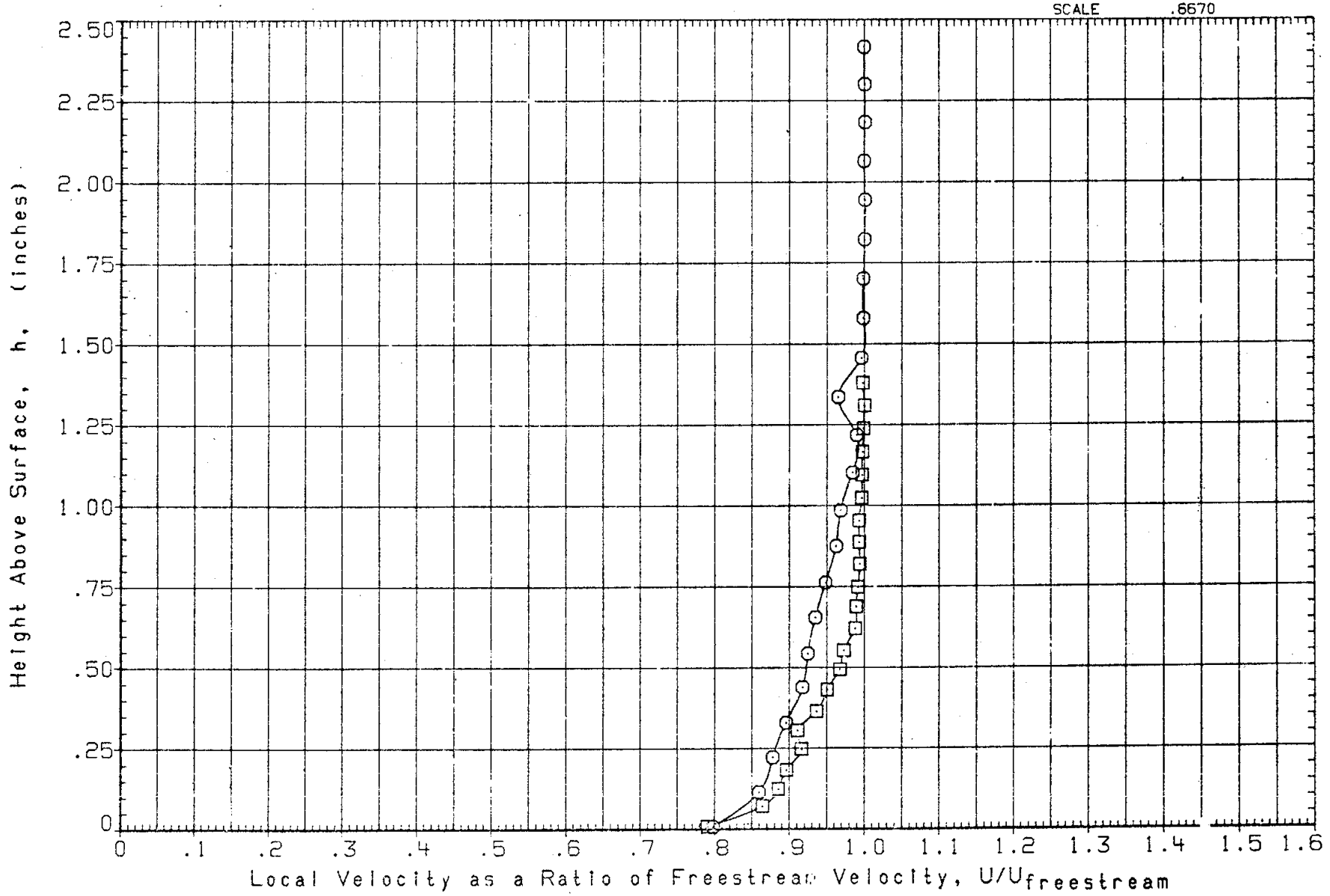


FIG. 102 BOUNDARY LAYER VELOCITY PROFILE, P90 + S

(C)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) | P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) | P90 + S | 1.309 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

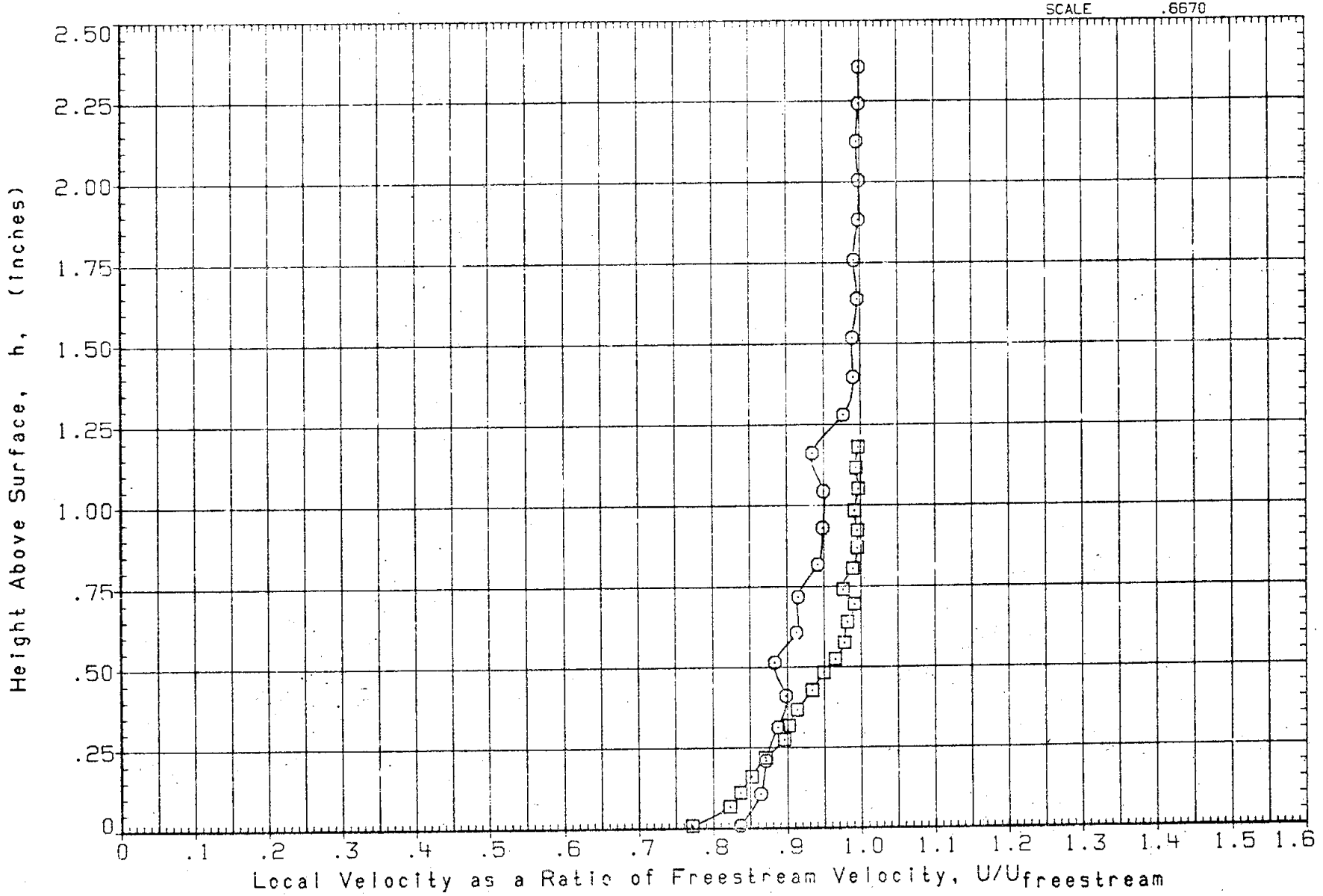


FIG. 102 BOUNDARY LAYER VELOCITY PROFILE, P90 + S

(D)MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

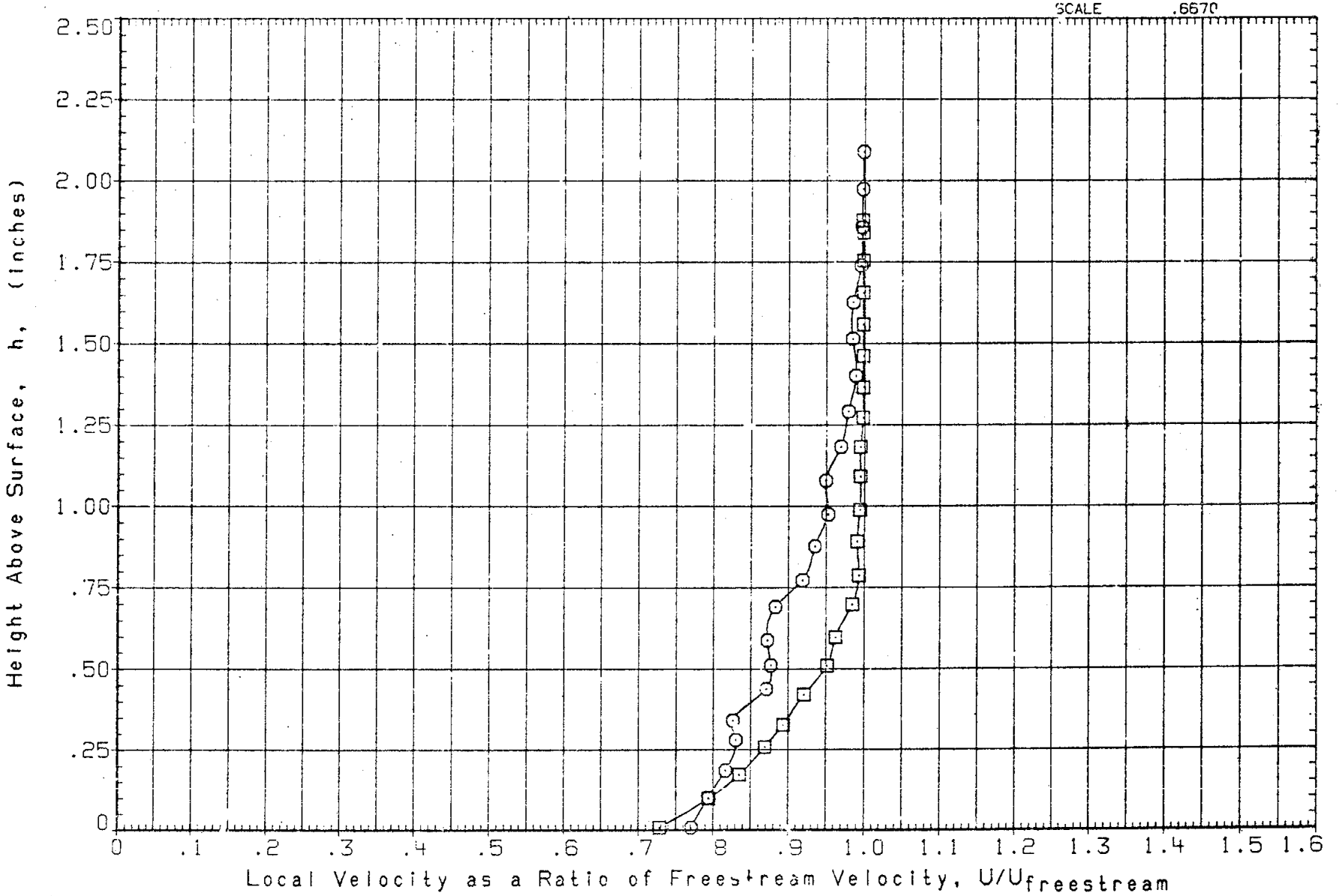


FIG. 102 BOUNDARY LAYER VELOCITY PROFILE, P90 + S

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | FANEL |
|---|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) | P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) | P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

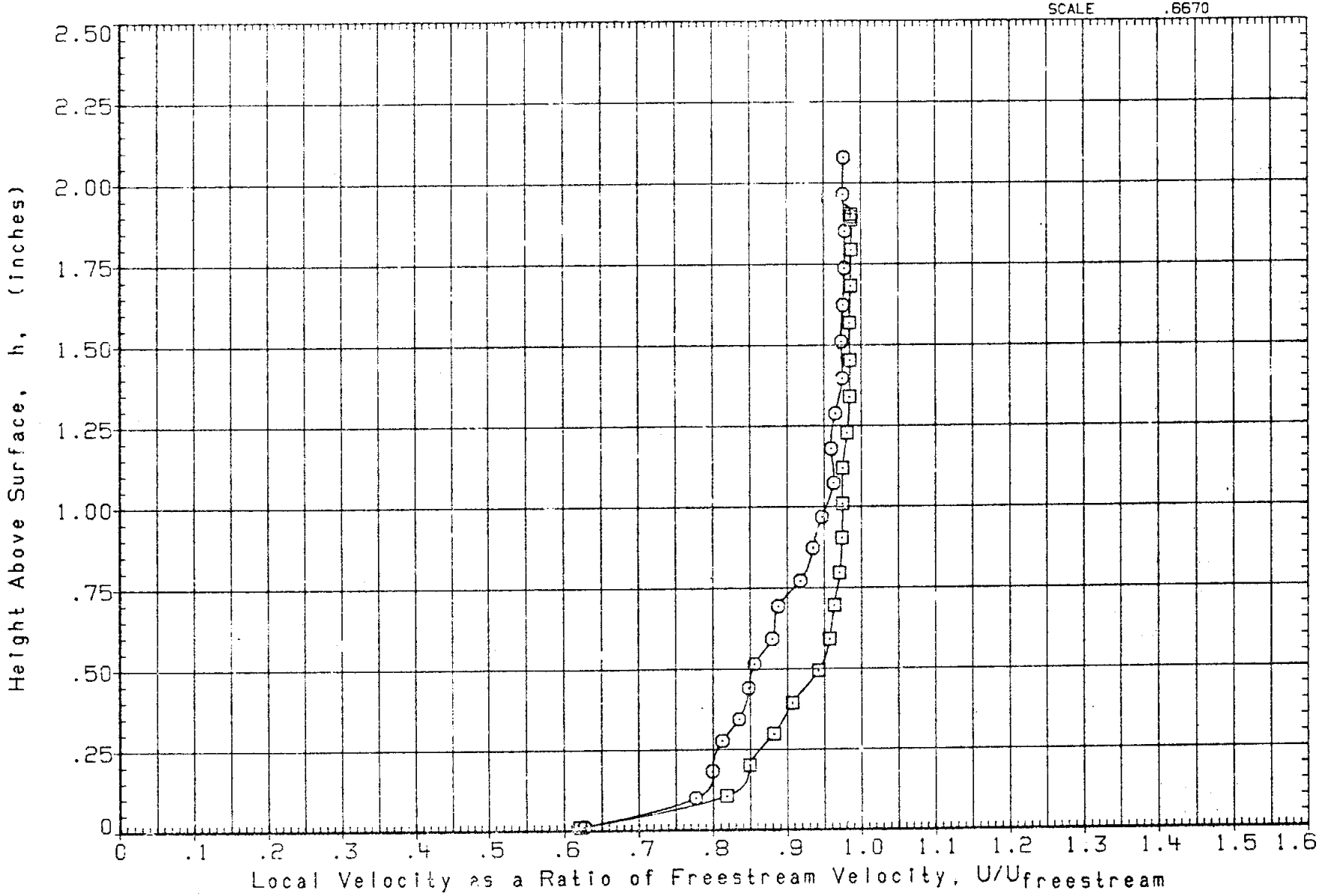


FIG. 102 BOUNDARY LAYER VELOCITY PROFILE, P90 + S

(F)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | |
|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 392-1-22) | P90 + S |
| A3TL35 | □ | OA252 (ARC 392-1-22) | P90 + S |

| HWALL | PANEL |
|---|---|
| .002 | 90.000 |
| 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

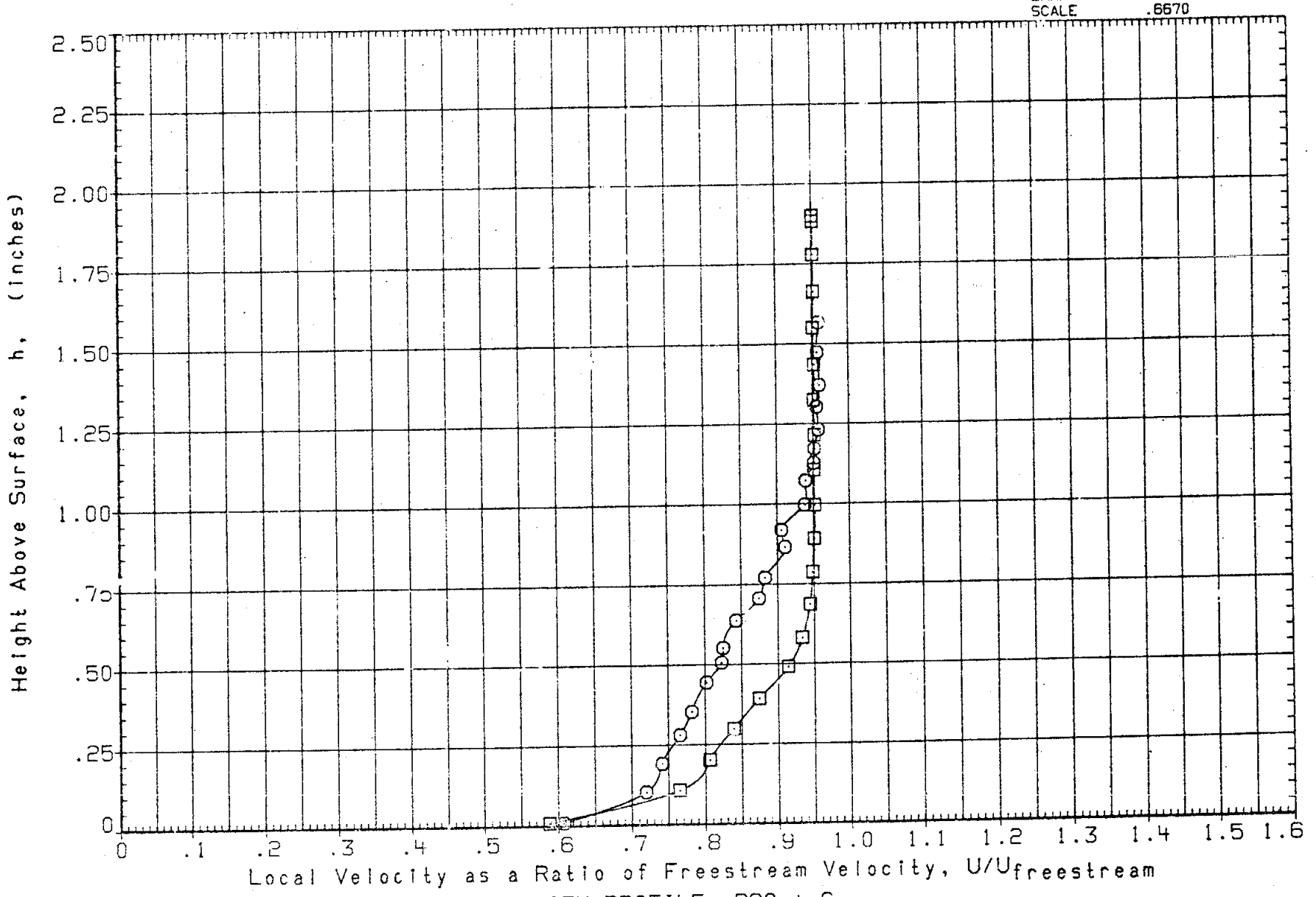


FIG. 102 BOUNDARY LAYER VELOCITY PROFILE, P90 + S

(G)MACH = 1.39

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL39 | ○ | OA252 (ARC 382-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 382-1-22) P90 + A + S | 1.388 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

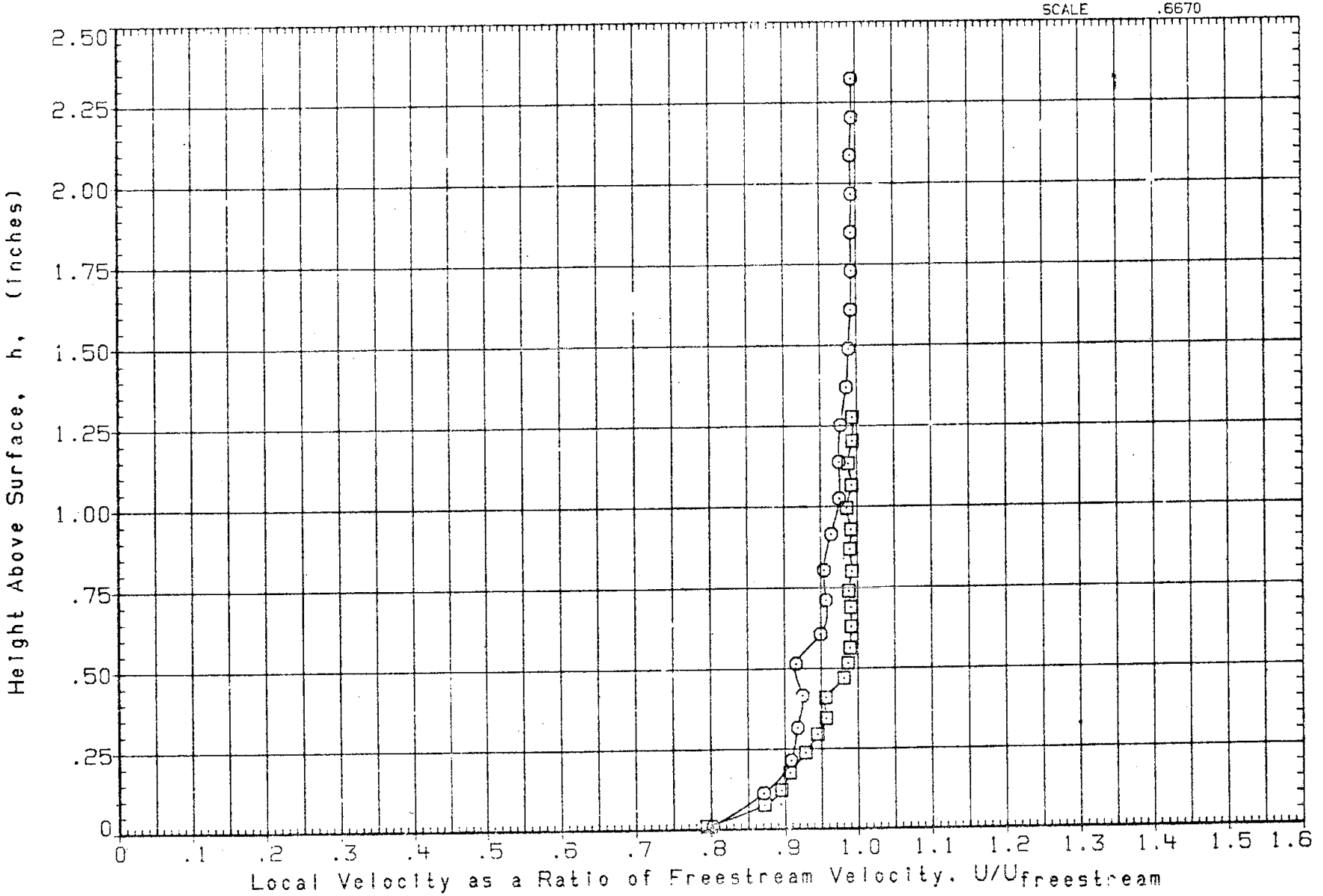


FIG. 103 BOUNDARY LAYER VELOCITY PROFILE, P90 + A + S

(A)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL38 | ○ | OA252 (ARC 382-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 382-1-22) P90 + A + S | 1.388 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

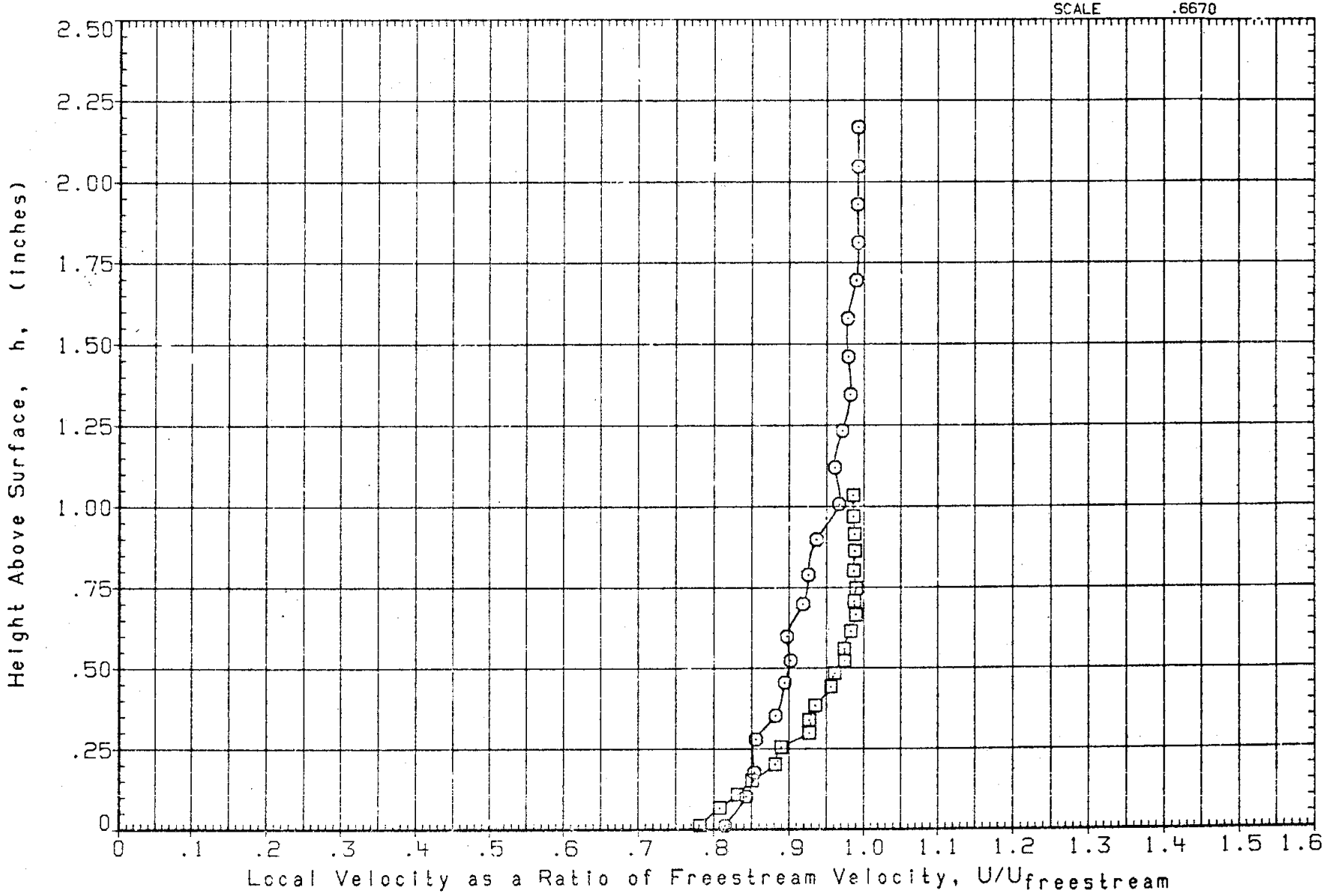


FIG. 103 BOUNDARY LAYER VELOCITY PROFILE, P90 + A + S

(B)MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL38 | ○ | OA252 (ARC 382-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 382-1-22) P90 + A + S | 1.388 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

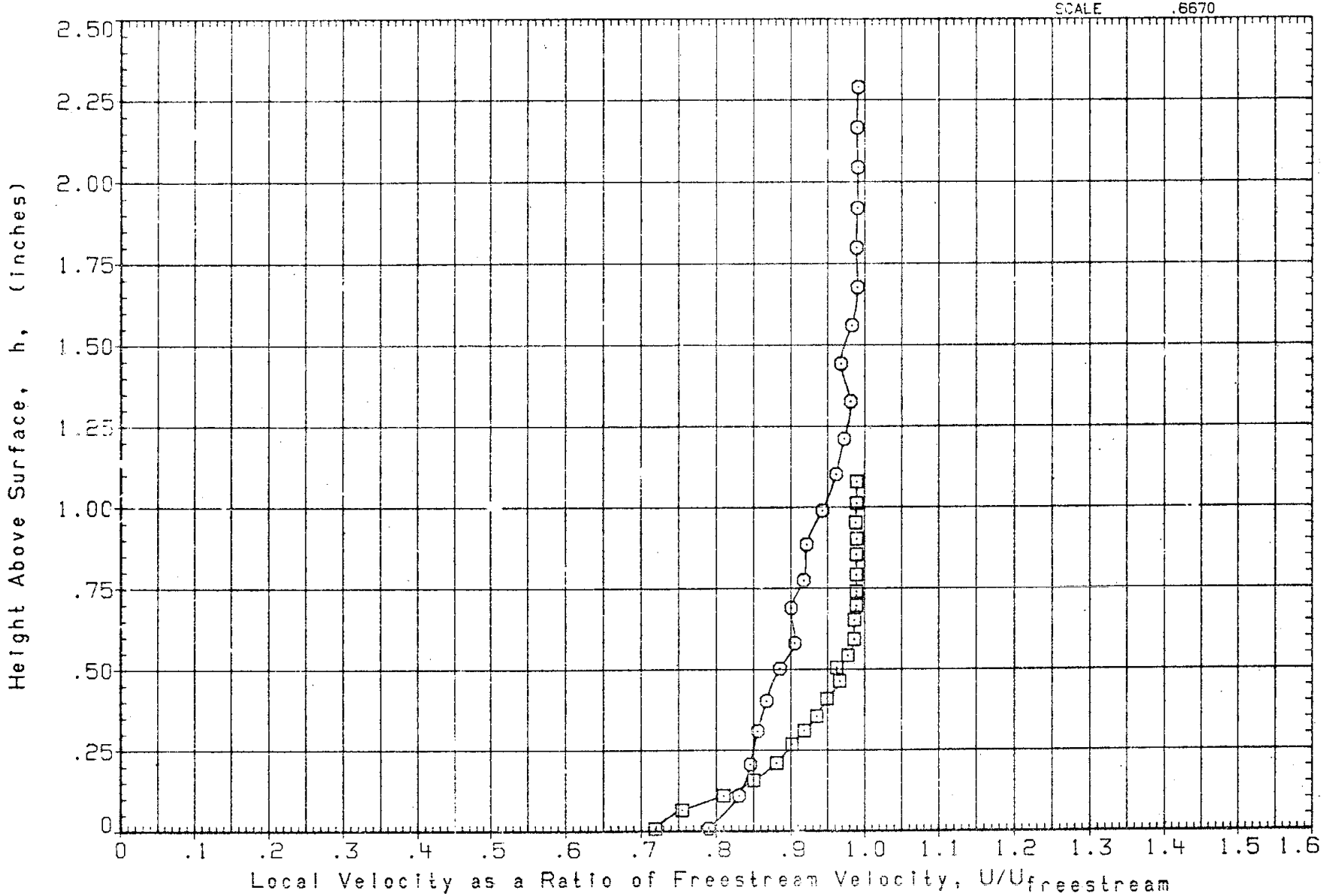


FIG. 103 BOUNDARY LAYER VELOCITY PROFILE, P90 + A + S

(C)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL38 | ○ | OA252 (ARC 382-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 382-1-22) P90 + A + S | 1.388 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .5670 | |

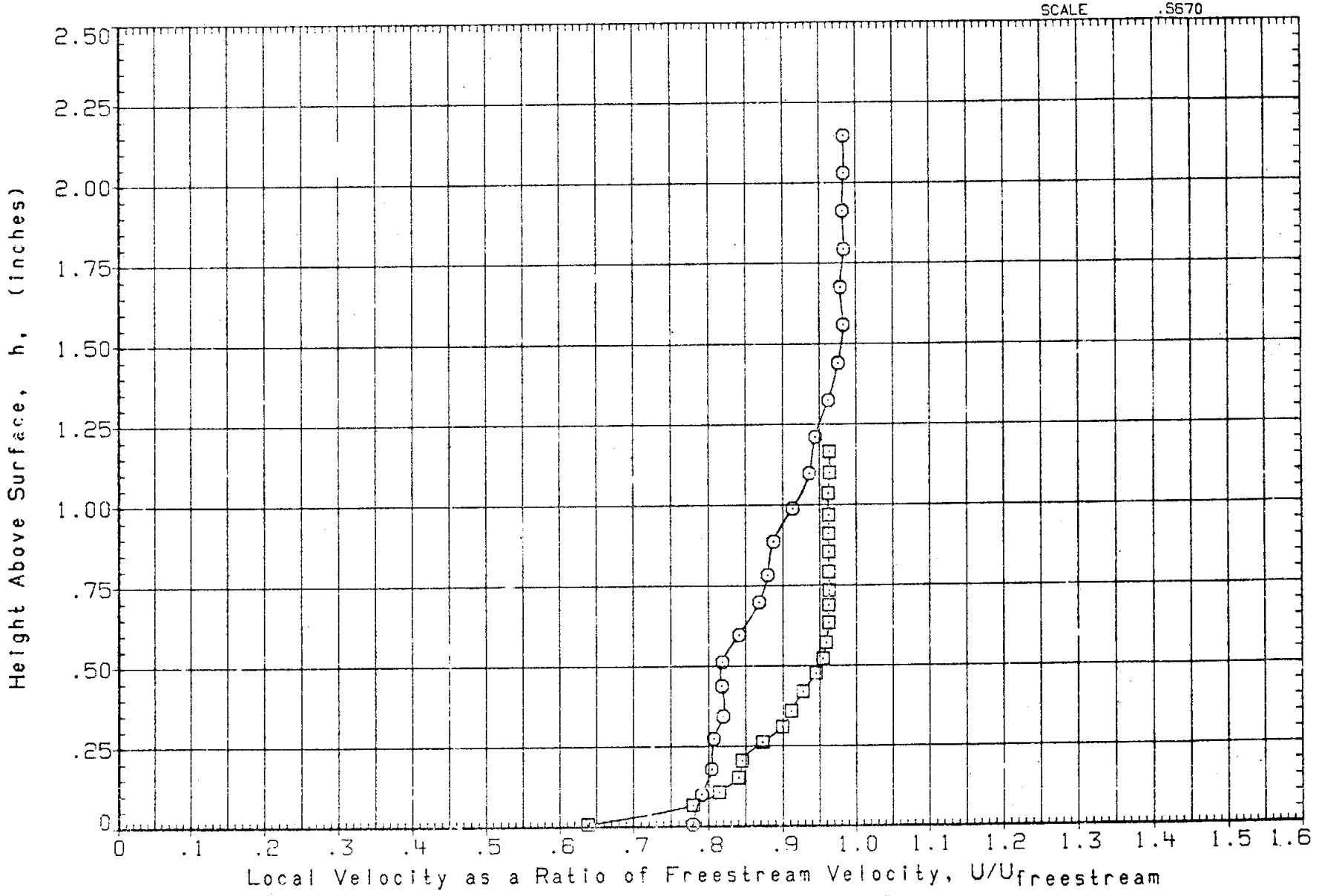


FIG. 103 BOUNDARY LAYER VELOCITY PROFILE, P90 + A + S

(D)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL38 | ○ | OA252 (ARC 362-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 382-1-22) P90 + A + S | 1.388 | 90.000 |

REFERENCE INFORMATION

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| SCALE | .6670 | |

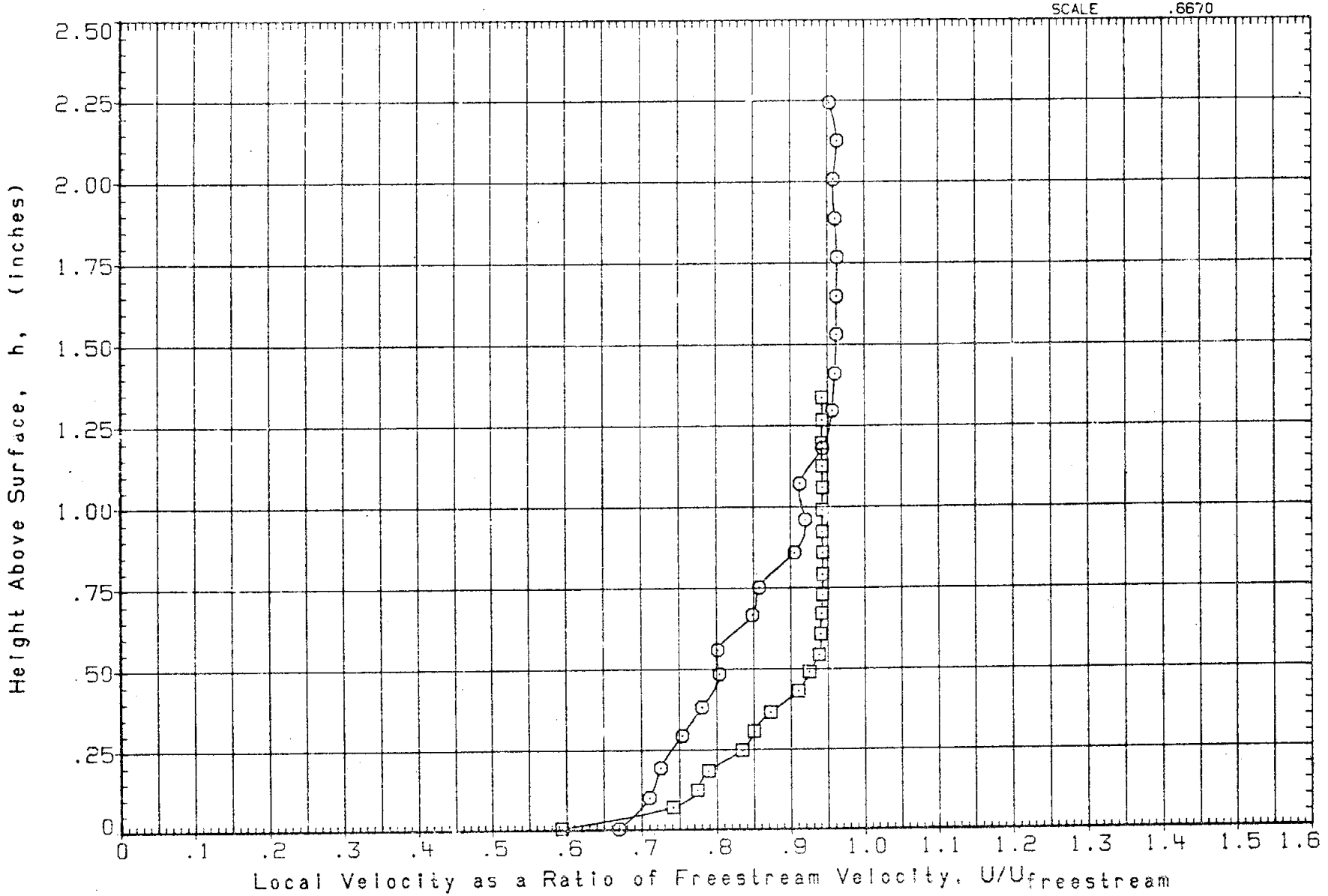


FIG. 103 BOUNDARY LAYER VELOCITY PROFILE, P90 + A + S

(E)MACH = 1.40 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
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| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

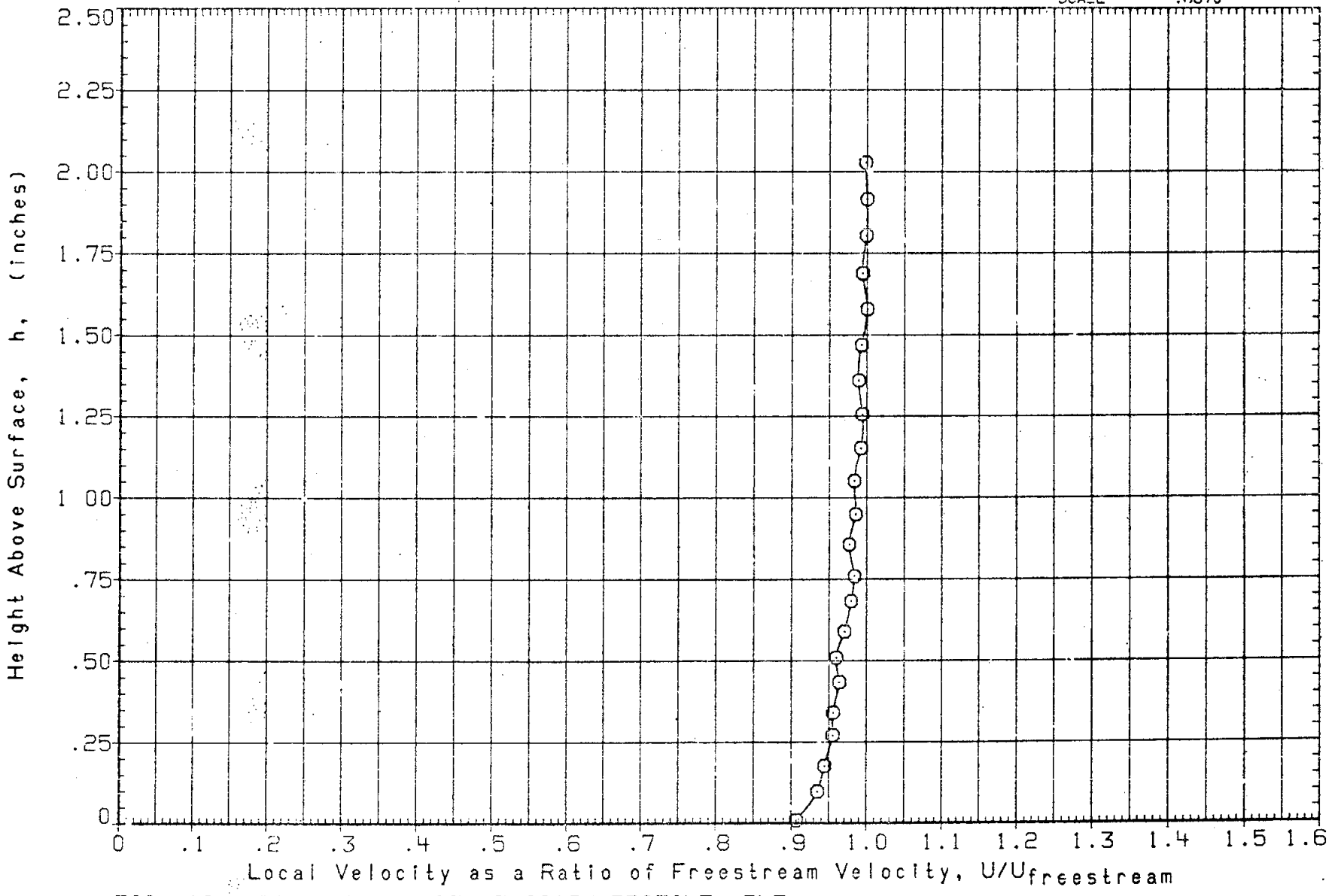


FIG. 104 BOUNDARY LAYER VELOCITY PROFILE, P45

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

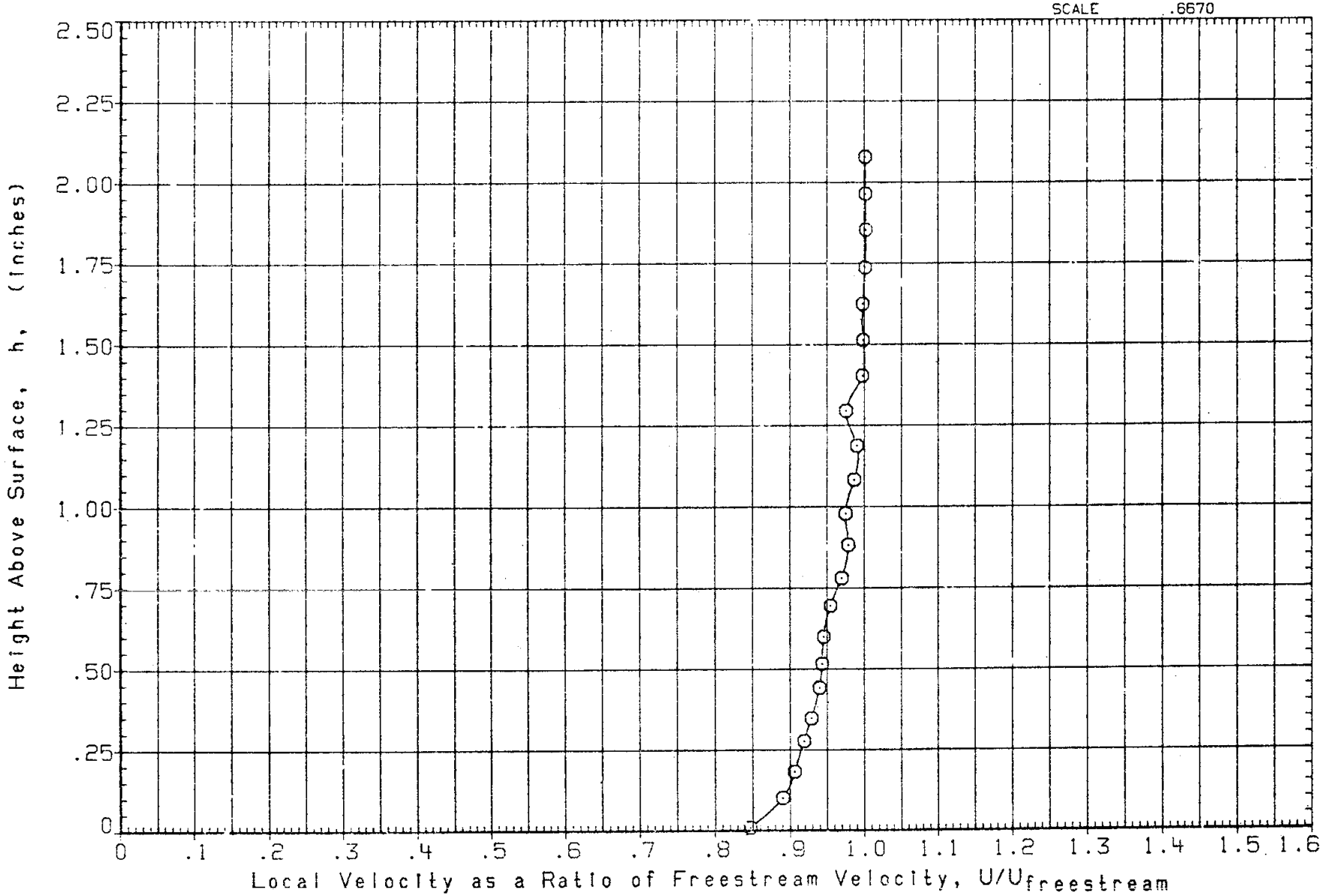


FIG. 104 BOUNDARY LAYER VELOCITY PROFILE, P45

(B)MACH = .80 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) | P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

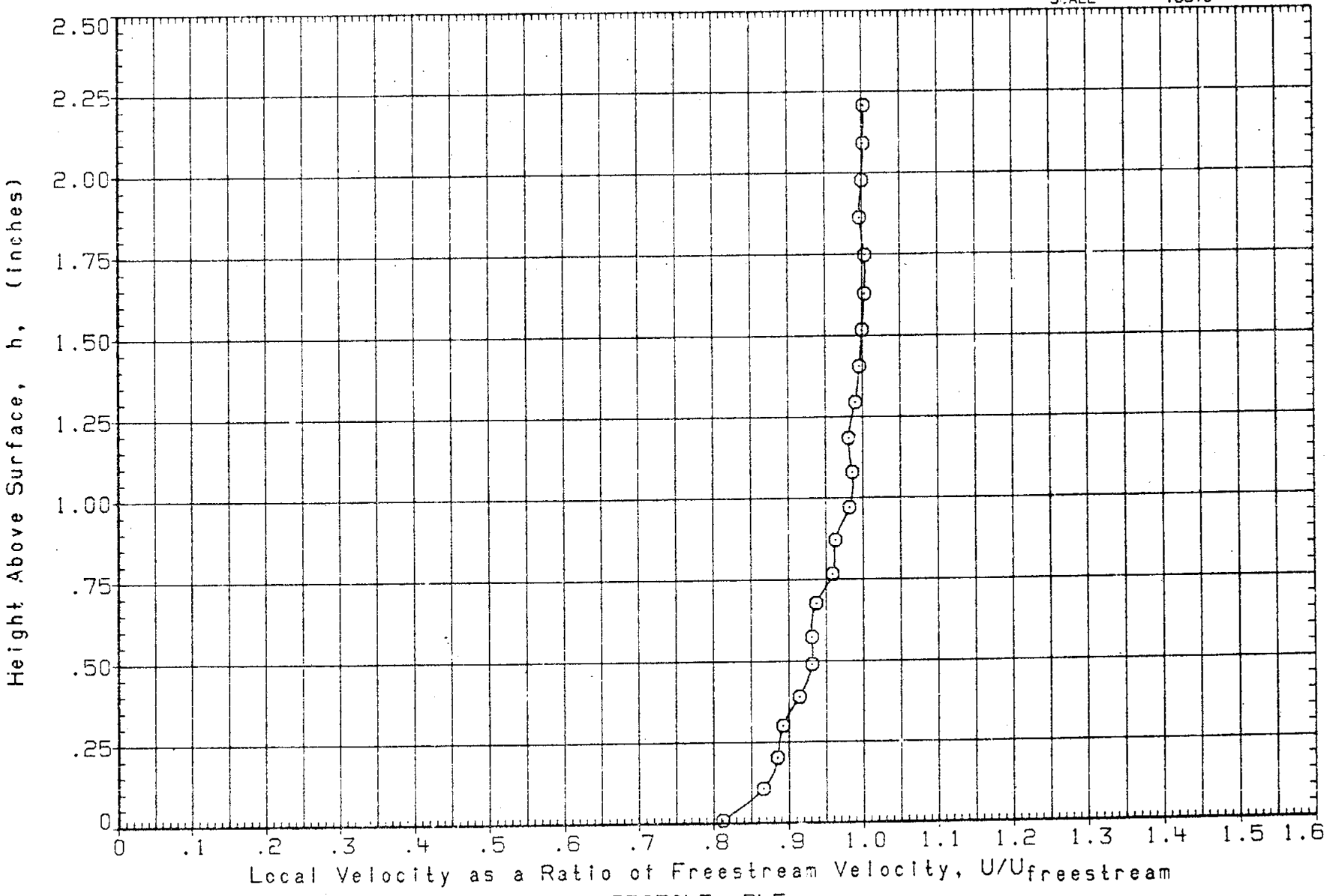


FIG. 104 BOUNDARY LAYER VELOCITY PROFILE, P45

(C) MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 362-1-22) | P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

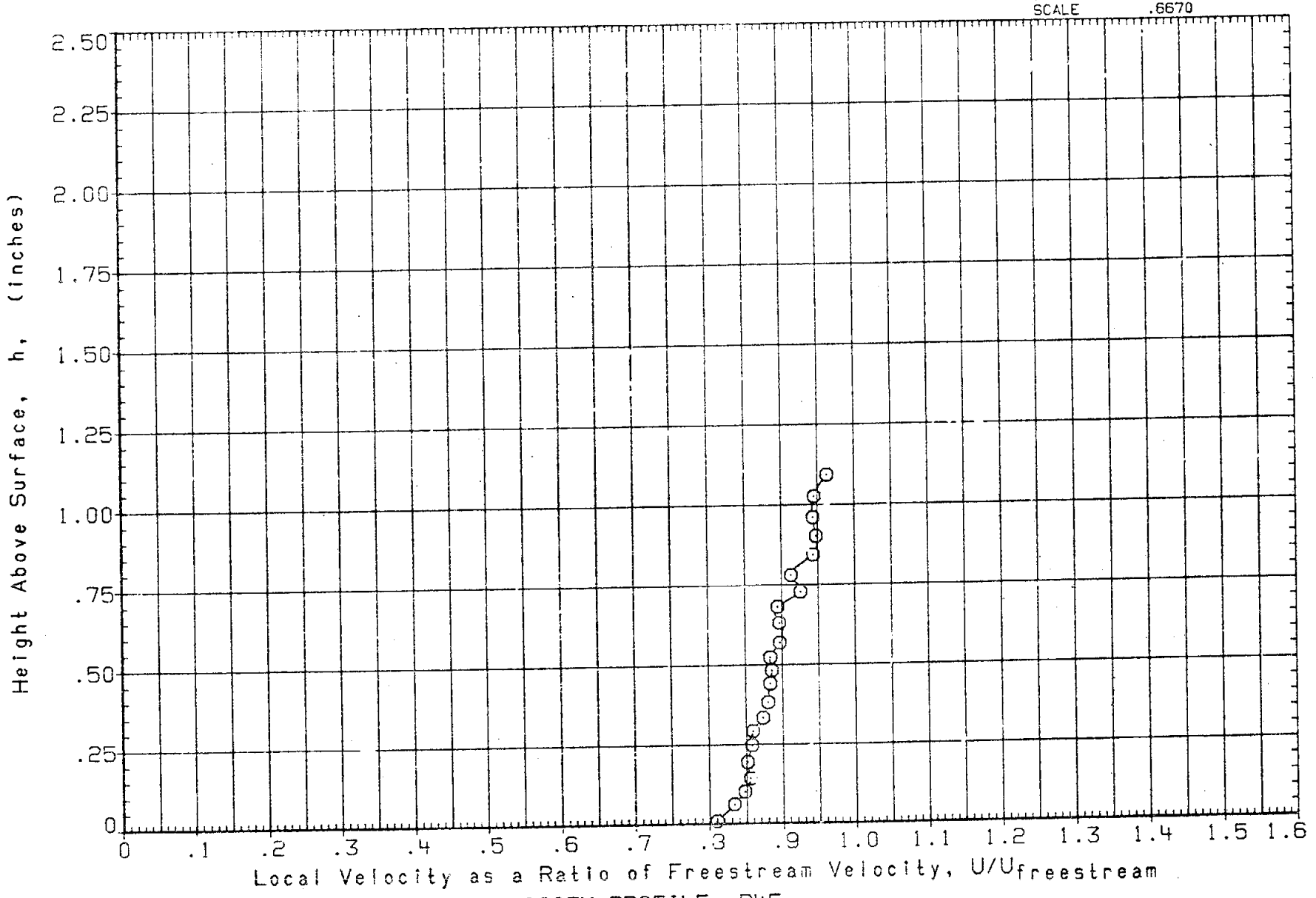


FIG. 104 BOUNDARY LAYER VELOCITY PROFILE, P45

(D)MACH = 1.05

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | |
|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) | P45 |
| A3TL52 | □ | DATA NOT AVAILABLE | |

| HWALL | PANEL |
|---|---|
| .003 | 45.000 |
| .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

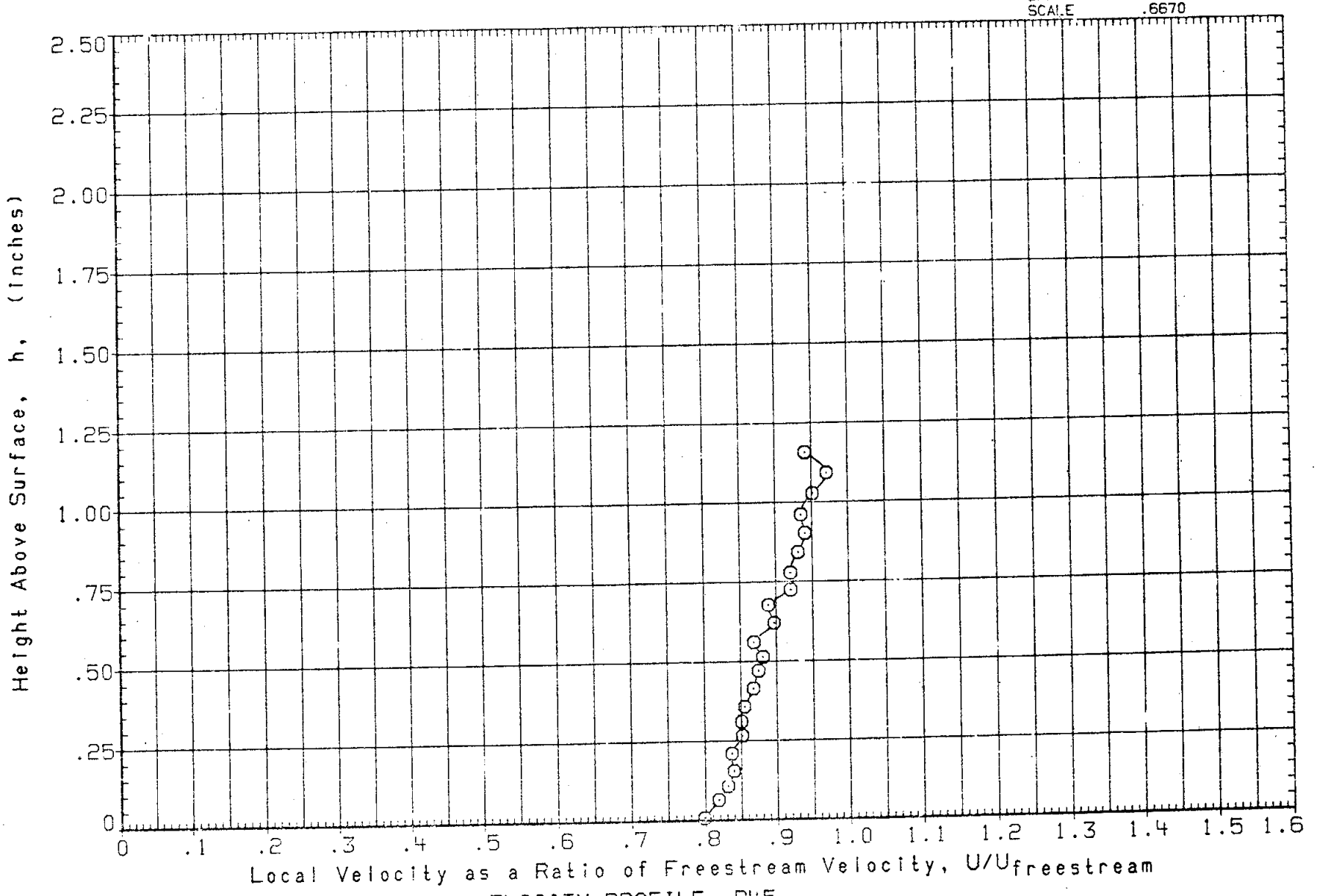


FIG. 104 BOUNDARY LAYER VELOCITY PROFILE, P45

(E)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) | P45 | .003 | 45.000 |
| A3TL52 | □ | OA252 (ARC 382-1-22) | P45 | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

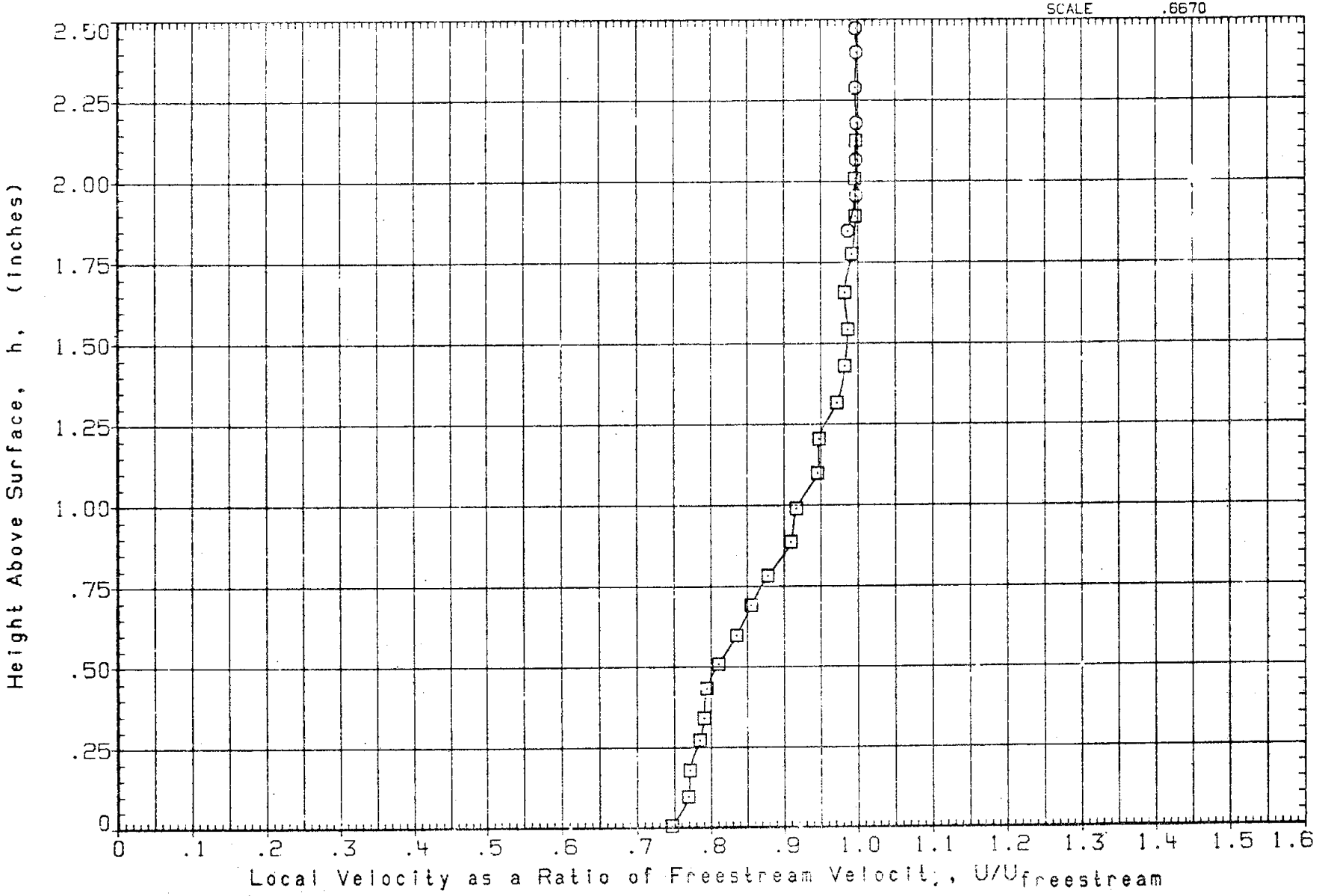


FIG. 104 BOUNDARY LAYER VELOCITY PROFILE, P45

(F)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) | P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

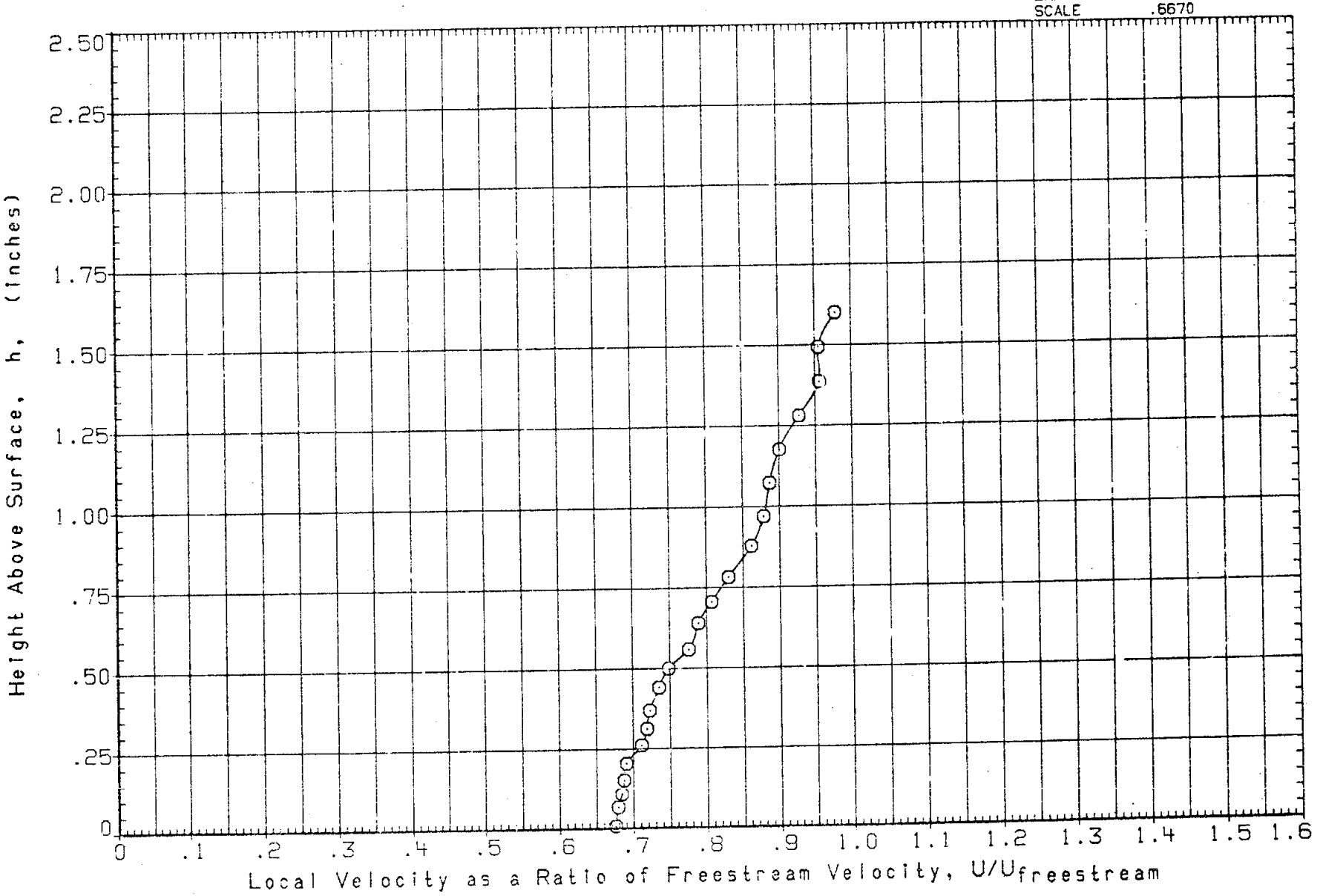


FIG. 104 BOUNDARY LAYER VELOCITY PROFILE, P45

(G)MACH = 1.40

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | FWALL | PANEL |
|---|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) | P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) | P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

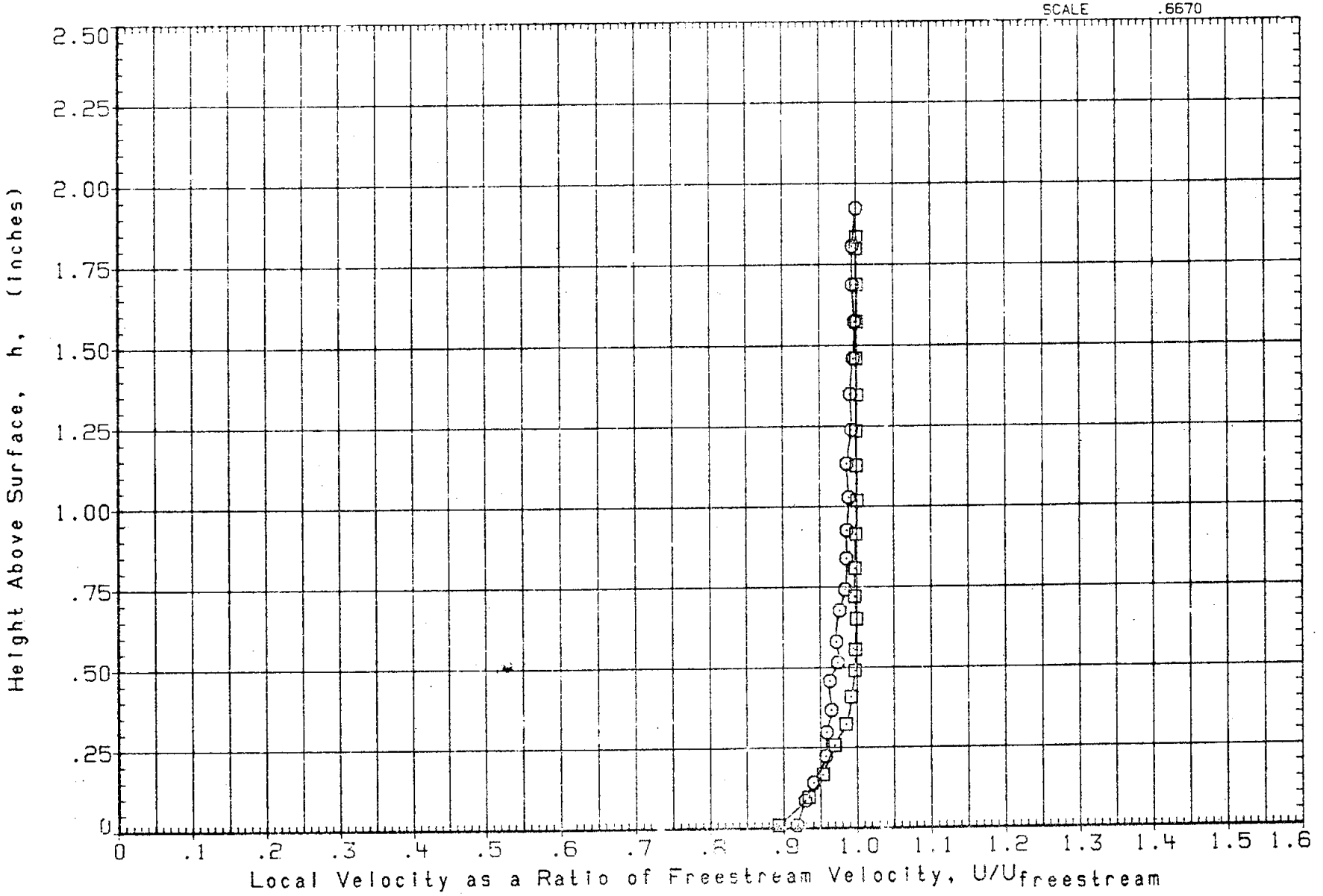


FIG. 105 BOUNDARY LAYER VELOCITY PROFILE, P45 + A

(A)MACH = .60

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

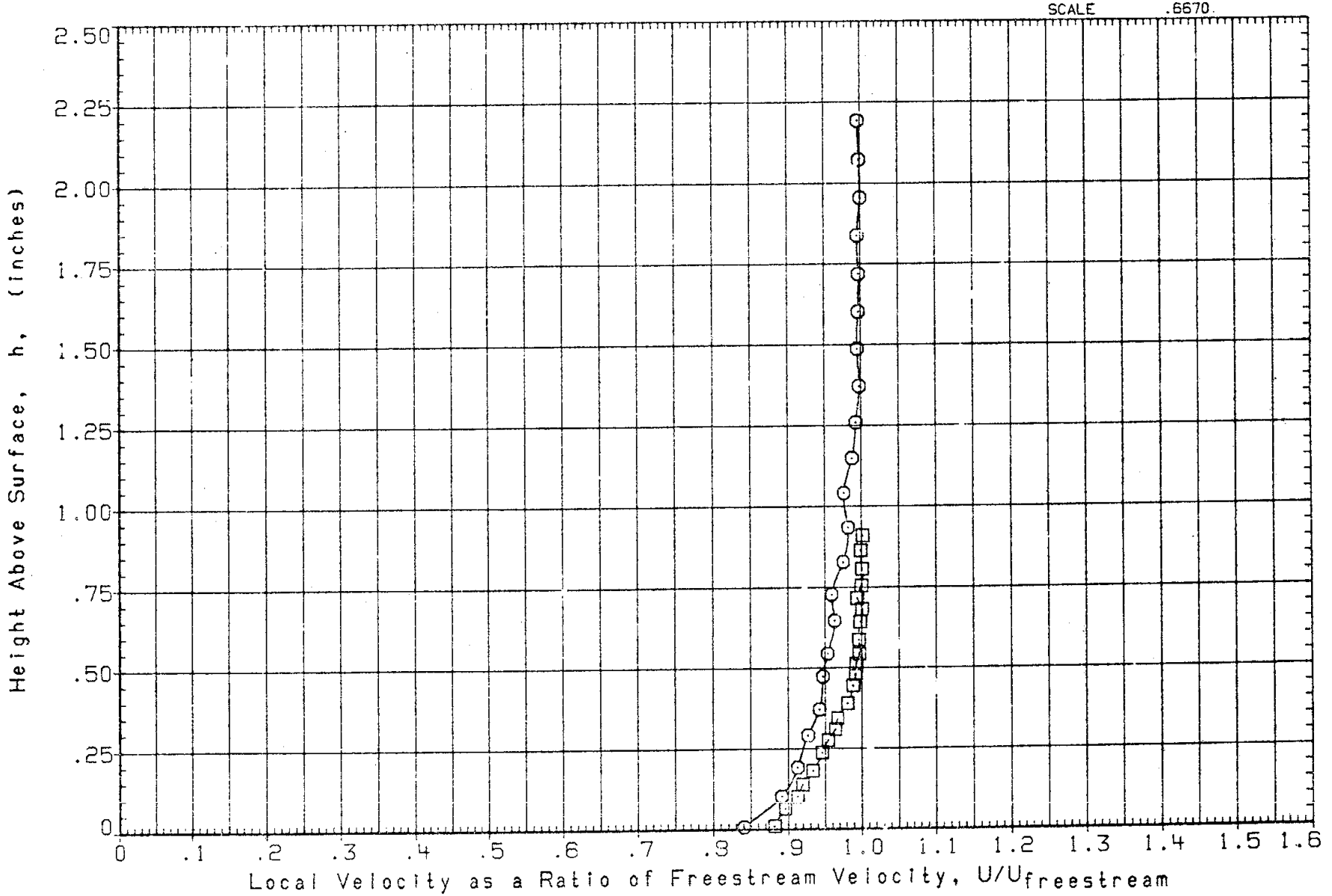


FIG. 105 BOUNDARY LAYER VELOCITY PROFILE, P45 + A

(B)MACH = .80 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL37 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A31L6. | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

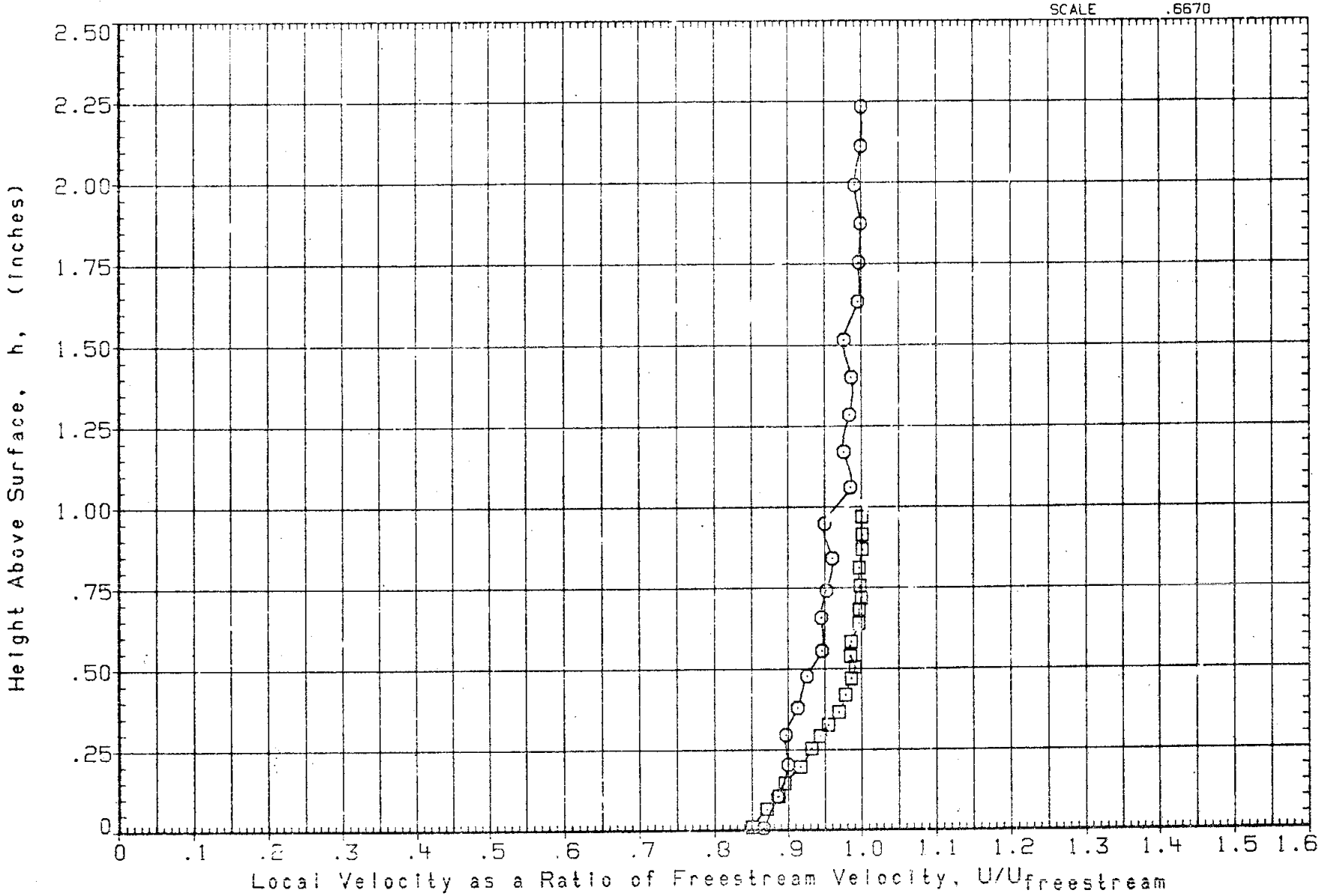


FIG. 105 BOUNDARY LAYER VELOCITY PROFILE, P45 + A

(C)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) | P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) | P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

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| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

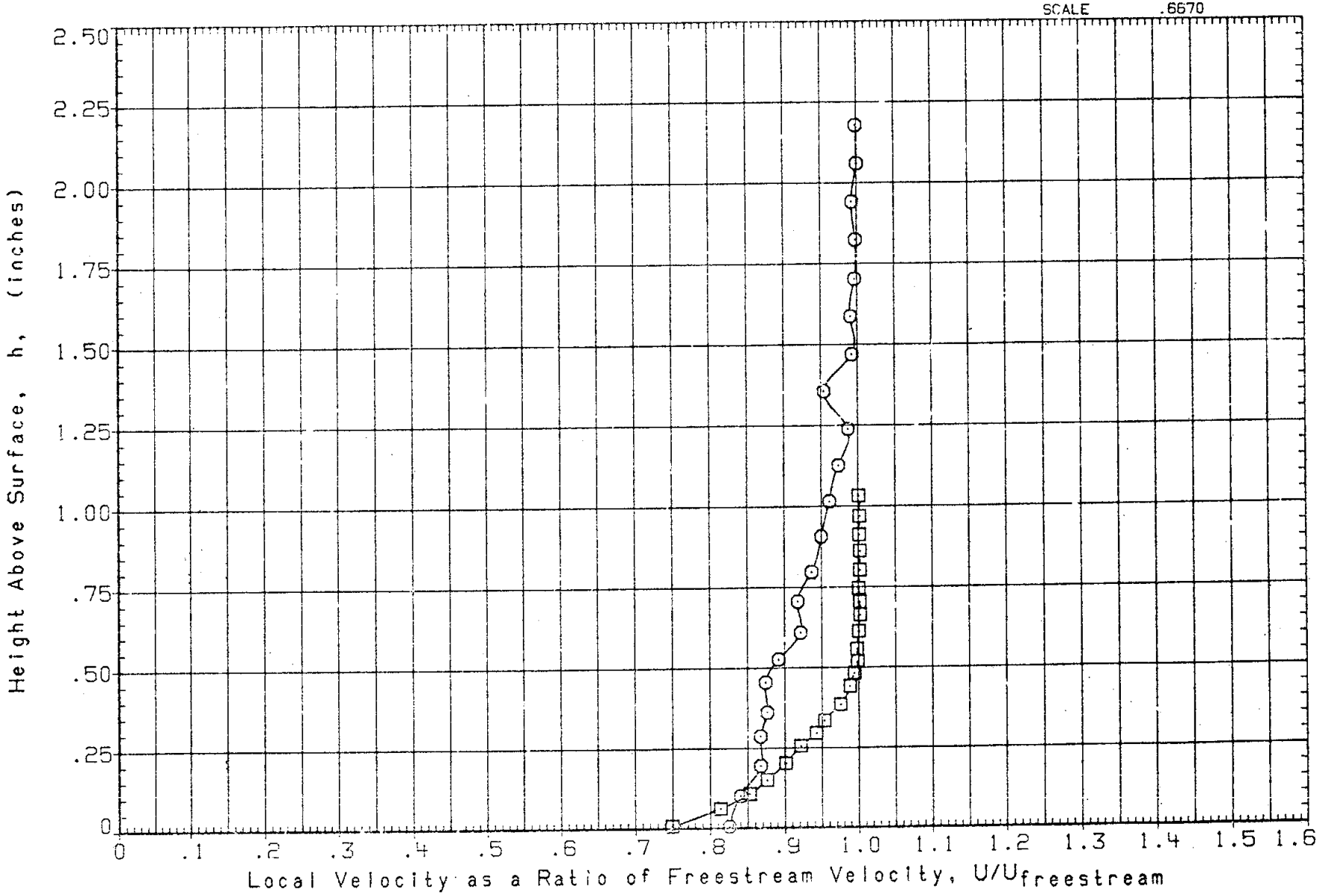


FIG. 105 BOUNDARY LAYER VELOCITY PROFILE, P45 + A

(D)MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

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| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

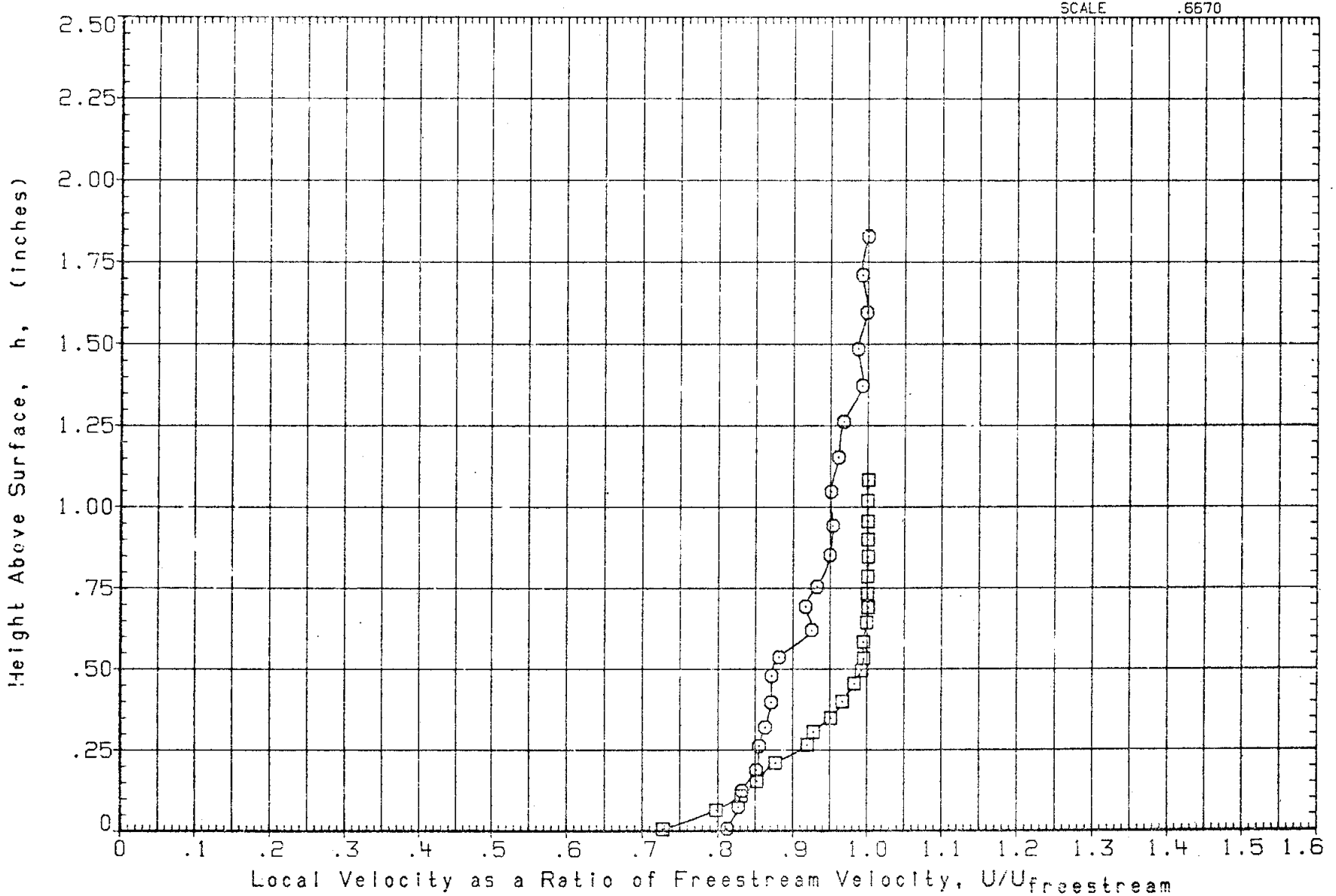


FIG. 105 BOUNDARY LAYER VELOCITY PROFILE, P45 + A

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

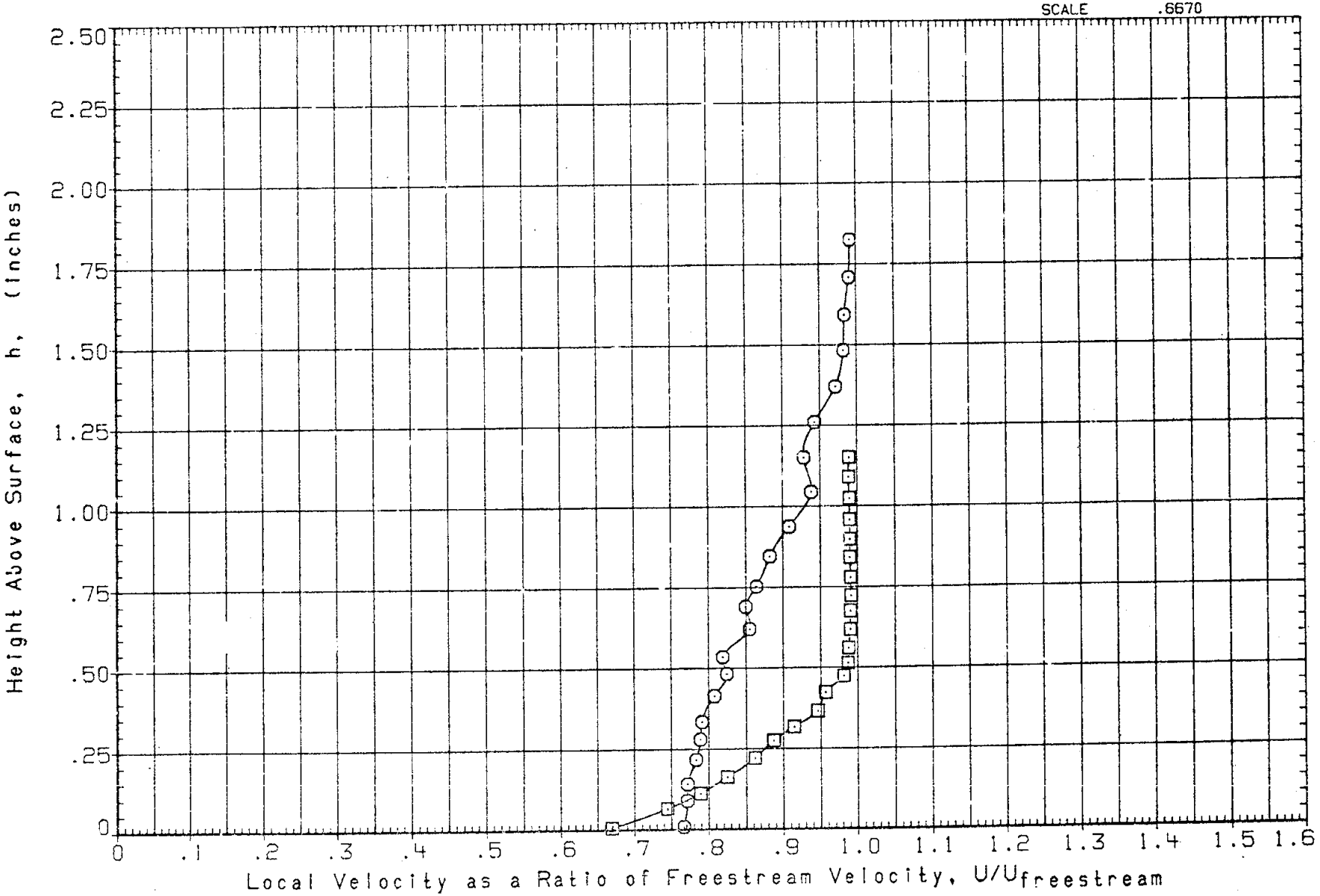


FIG. 105 BOUNDARY LAYER VELOCITY PROFILE, P45 + A

(F)MACH = 1.25 DATE 03 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

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|---|---|---|
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| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

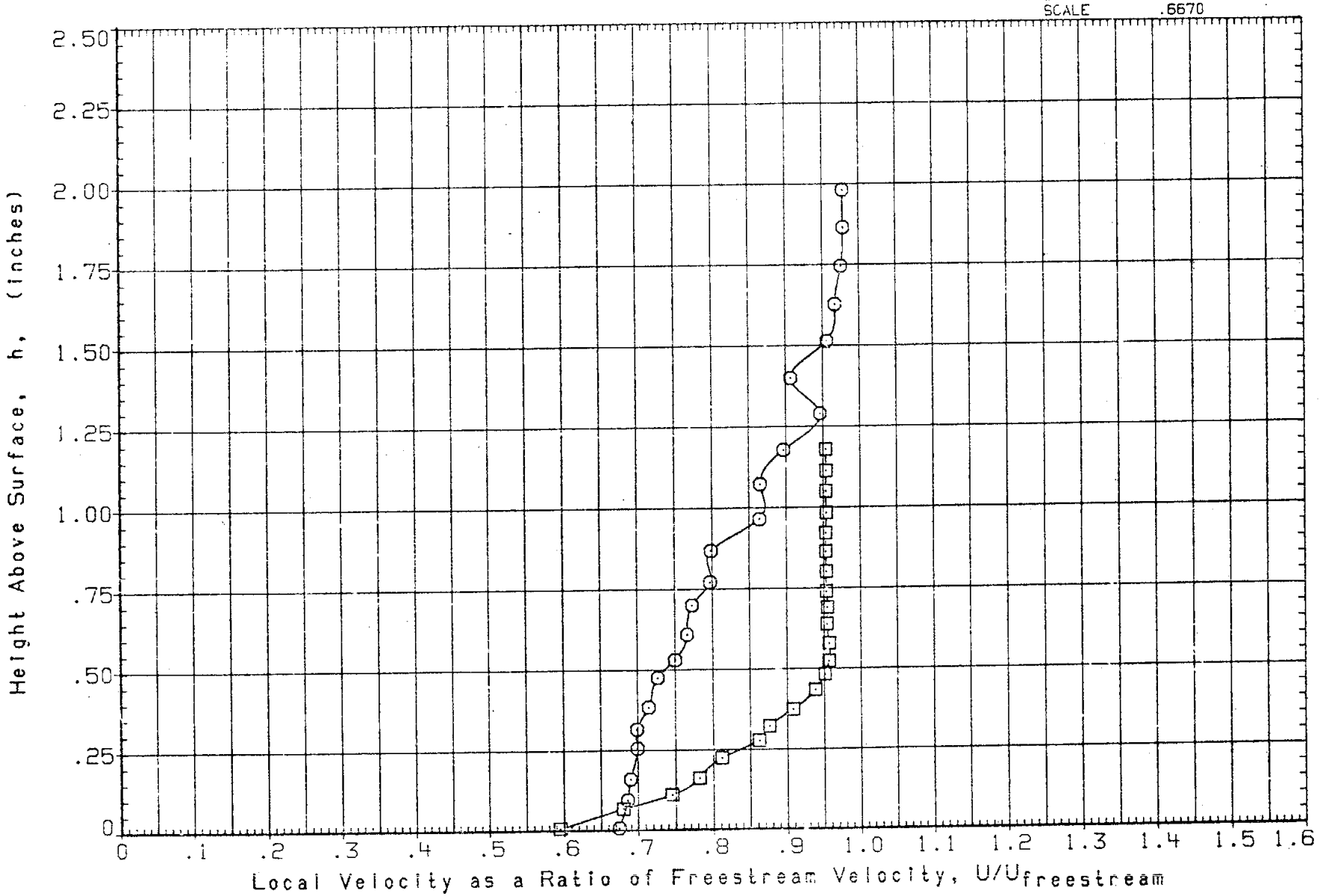


FIG. 105 BOUNDARY LAYER VELOCITY PROFILE, P45 + A

(G)MACH = 1.40 DATE 08 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL69 | ○ | OA252 (ARC 382-1-22) P45 + S | .002 | 45.000 |
| A3TL75 | □ | OA252 (ARC 382-1-22) P45 + S | 1.383 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

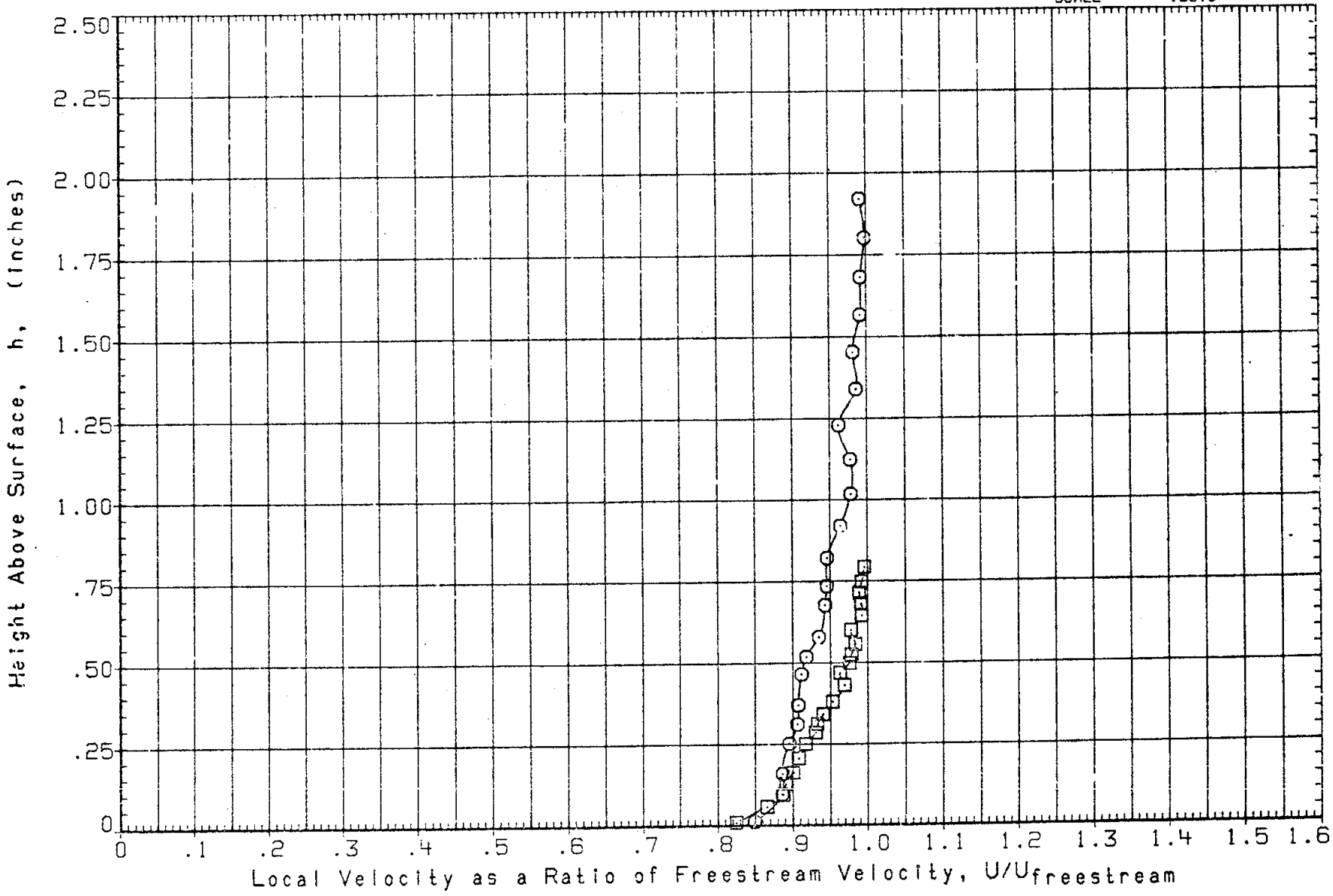


FIG. 106 BOUNDARY LAYER VELOCITY PROFILE, P45 + S

(A)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL89 | ○ | OA252 (ARC 382-1-22) | P45 + S | .002 | 45.000 |
| A3TL75 | □ | OA252 (ARC 382-1-22) | P45 + S | 1.383 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

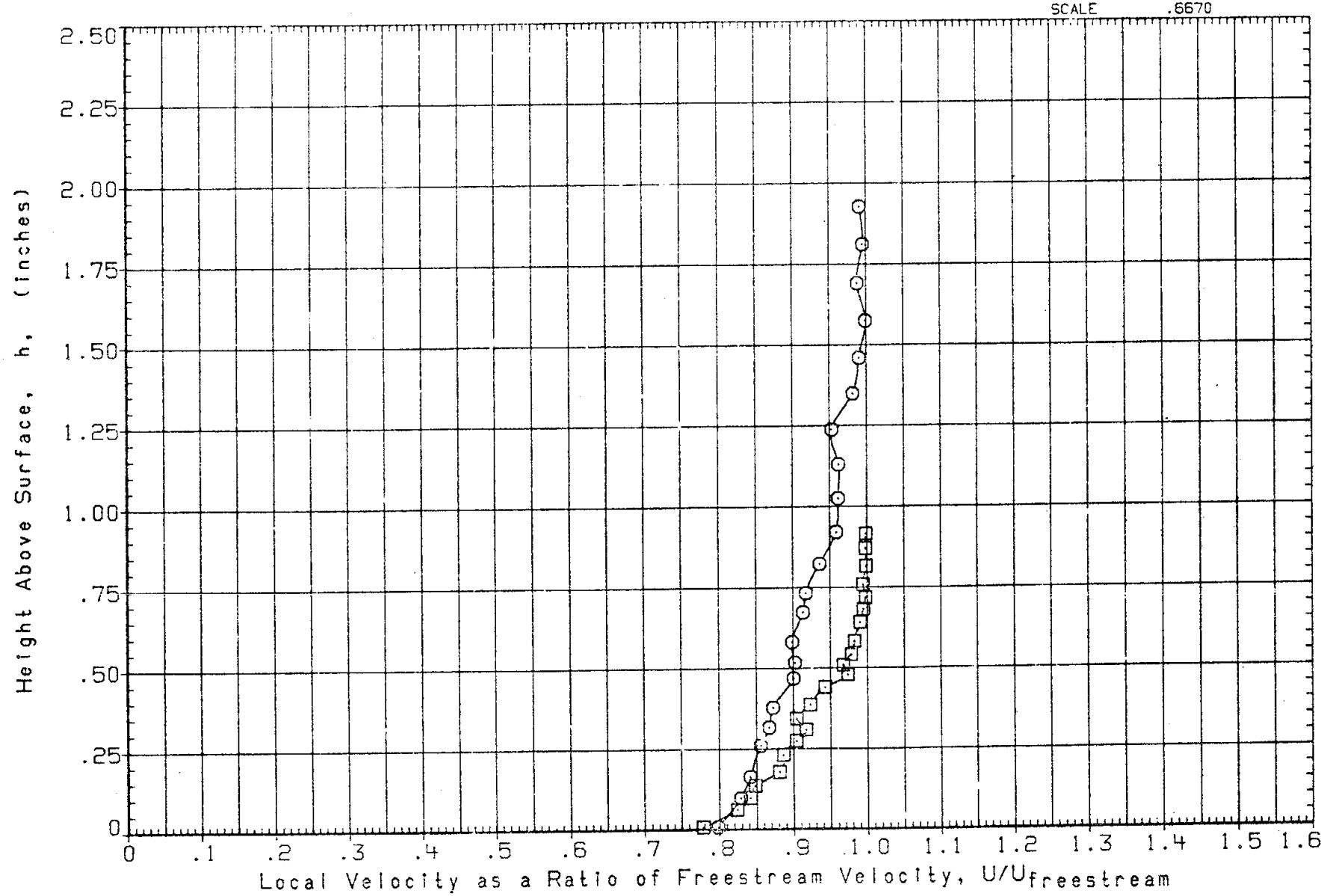


FIG. 106 BOUNDARY LAYER VELOCITY PROFILE, P45 + S

(B)MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL69 | ○ | OA252 (ARC 382-1-22) P45 + S | .002 | 45.000 |
| A3TL75 | □ | OA252 (ARC 382-1-22) P45 + S | 1.383 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

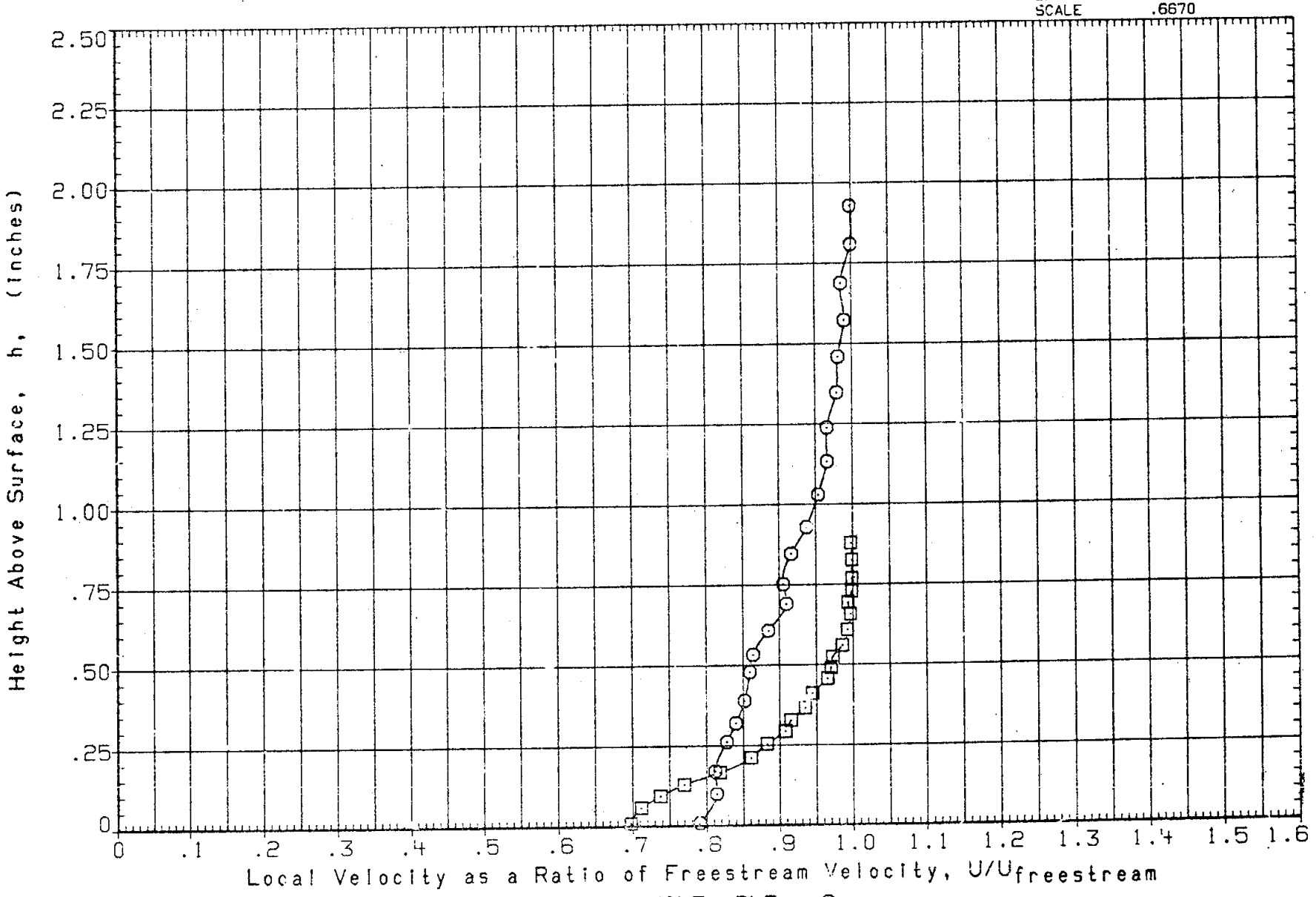


FIG. 106 BOUNDARY LAYER VELOCITY PROFILE, P45 + S

(C)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL69 | ○ | OA252 (ARC 382-1-22) P45 + S | .002 | 45.000 |
| A3TL75 | □ | OA252 (ARC 382-1-22) P45 + S | 1.383 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

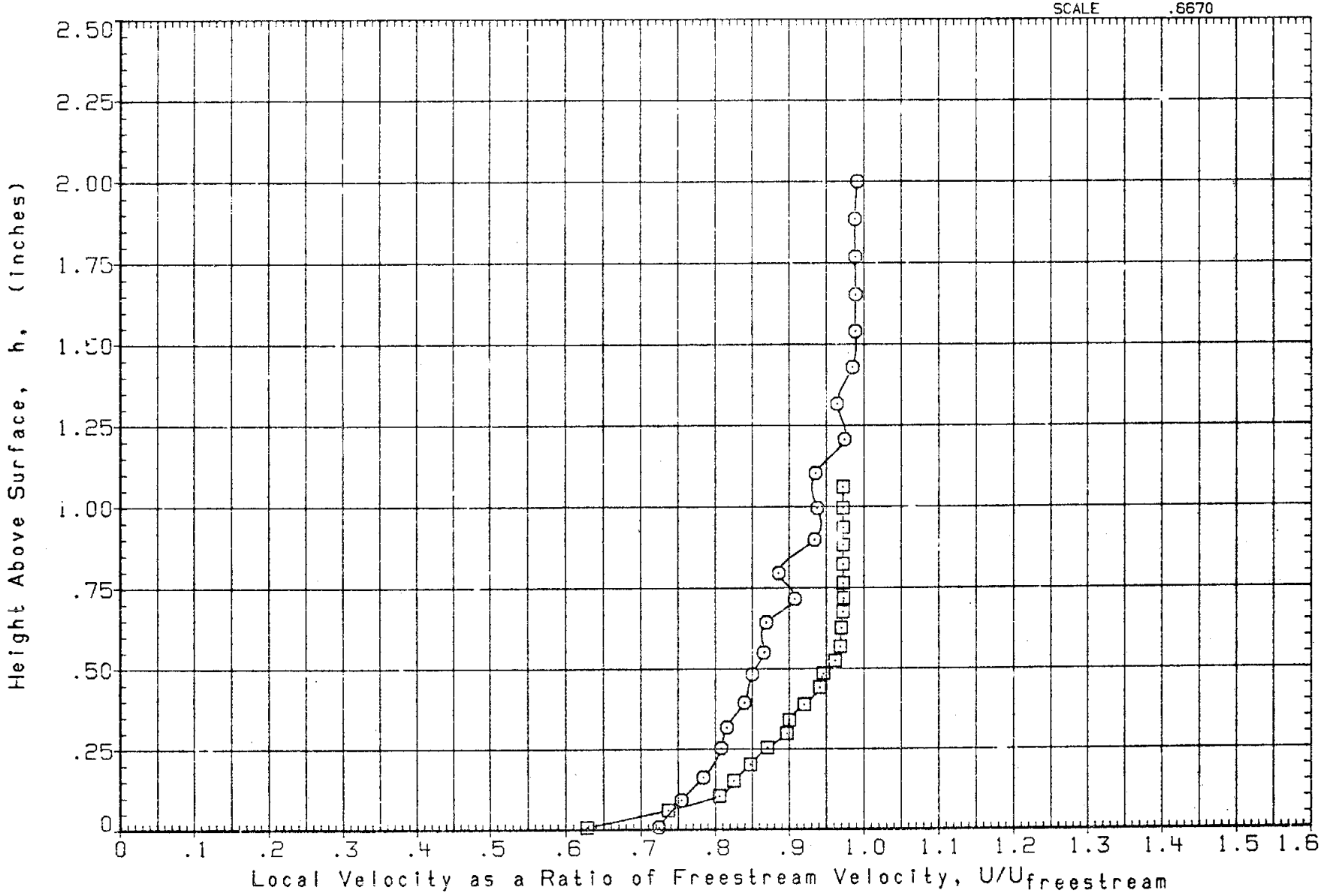


FIG. 106 BOUNDARY LAYER VELOCITY PROFILE, P45 + S

(D)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL69 | ○ | OA252 (ARC 382-1-22) P45 + S | .002 | 45.000 |
| A3TL75 | □ | OA252 (ARC 382-1-22) P45 + S | 1.393 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

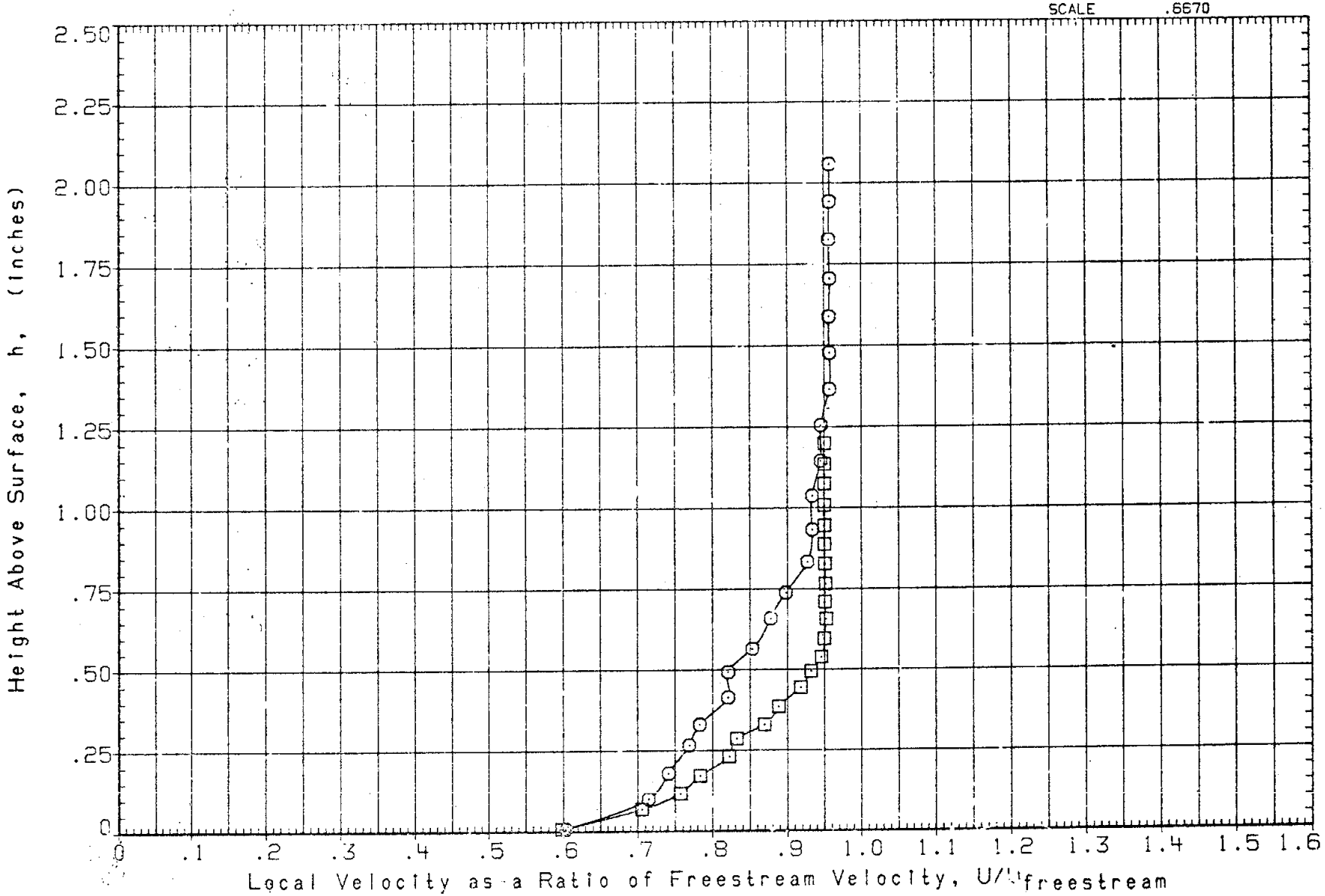


FIG. 106 BOUNDARY LAYER VELOCITY PROFILE, P45 + S

(E)MACH = 1.40 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL53 | ○ | OA252 (ARC 382-1-22) P45 + A + S | .001 | 45.000 |
| A3TL66 | □ | OA252 (ARC 382-1-22) P45 + A + S | 1.340 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

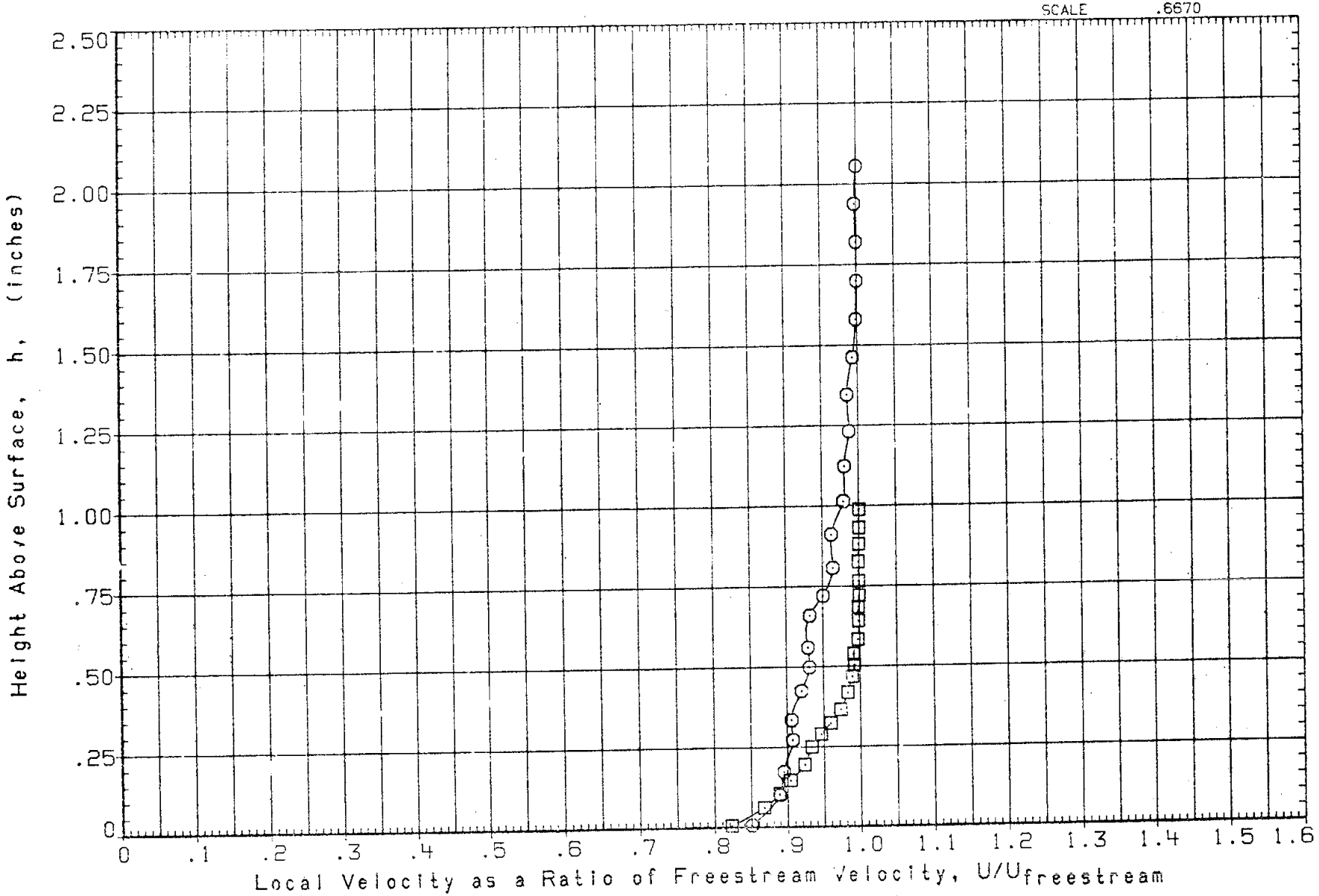


FIG. 107 BOUNDARY LAYER VELOCITY PROFILE, P45 + A + S

(A)MACH = .90

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL63 | ○ | OA252 (ARC 382-1-22) P45 + A + S | .001 | 45.000 |
| A3TL66 | □ | OA252 (ARC 382-1-22) P45 + A + S | 1.340 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

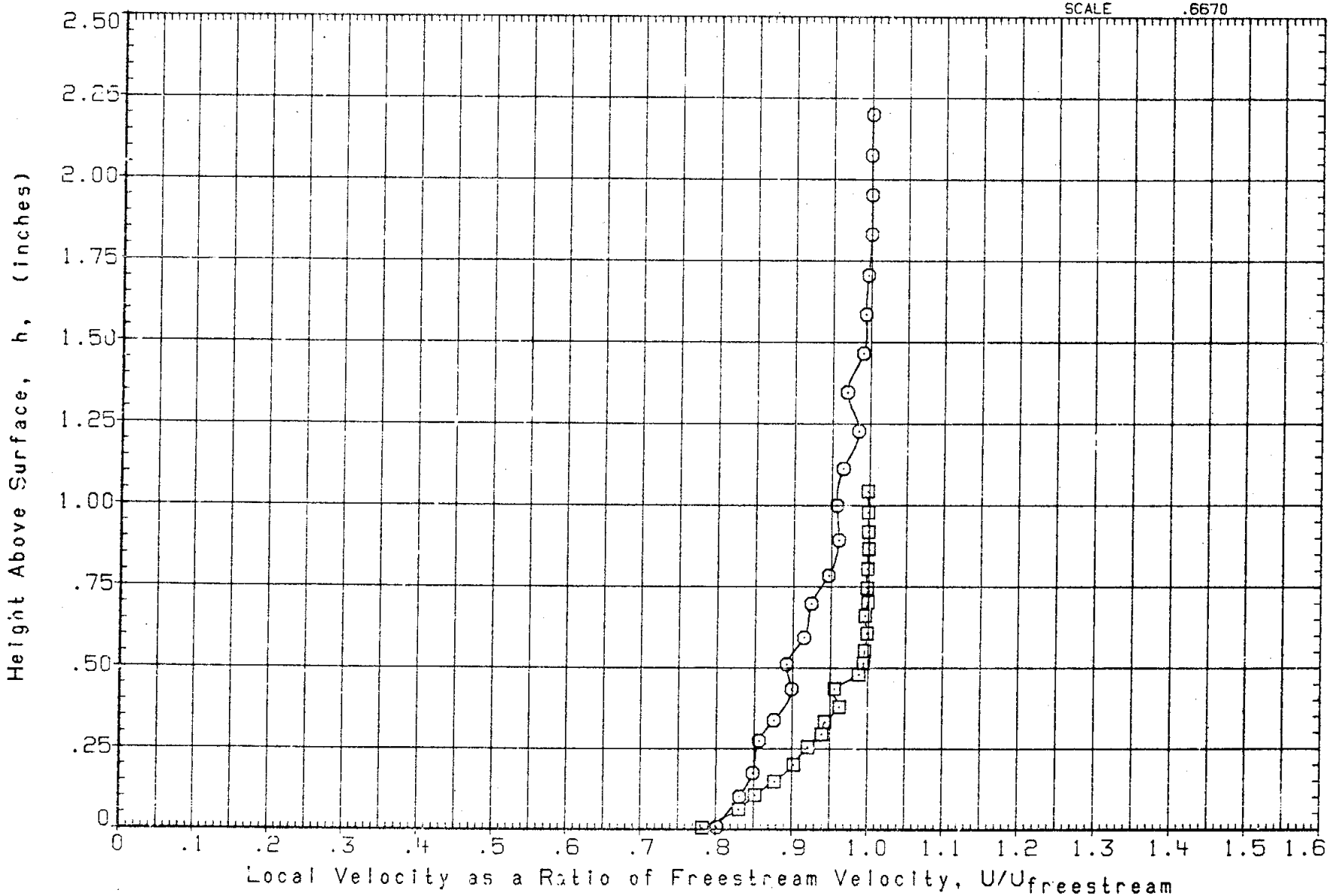


FIG. 107 BOUNDARY LAYER VELOCITY PROFILE, P45 + A + S

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL63 | ○ | OA252 (ARC 382-1-22) P45 + A + S | .001 | 45.000 |
| A3TL66 | □ | OA252 (ARC 382-1-22) P45 + A + S | 1.340 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

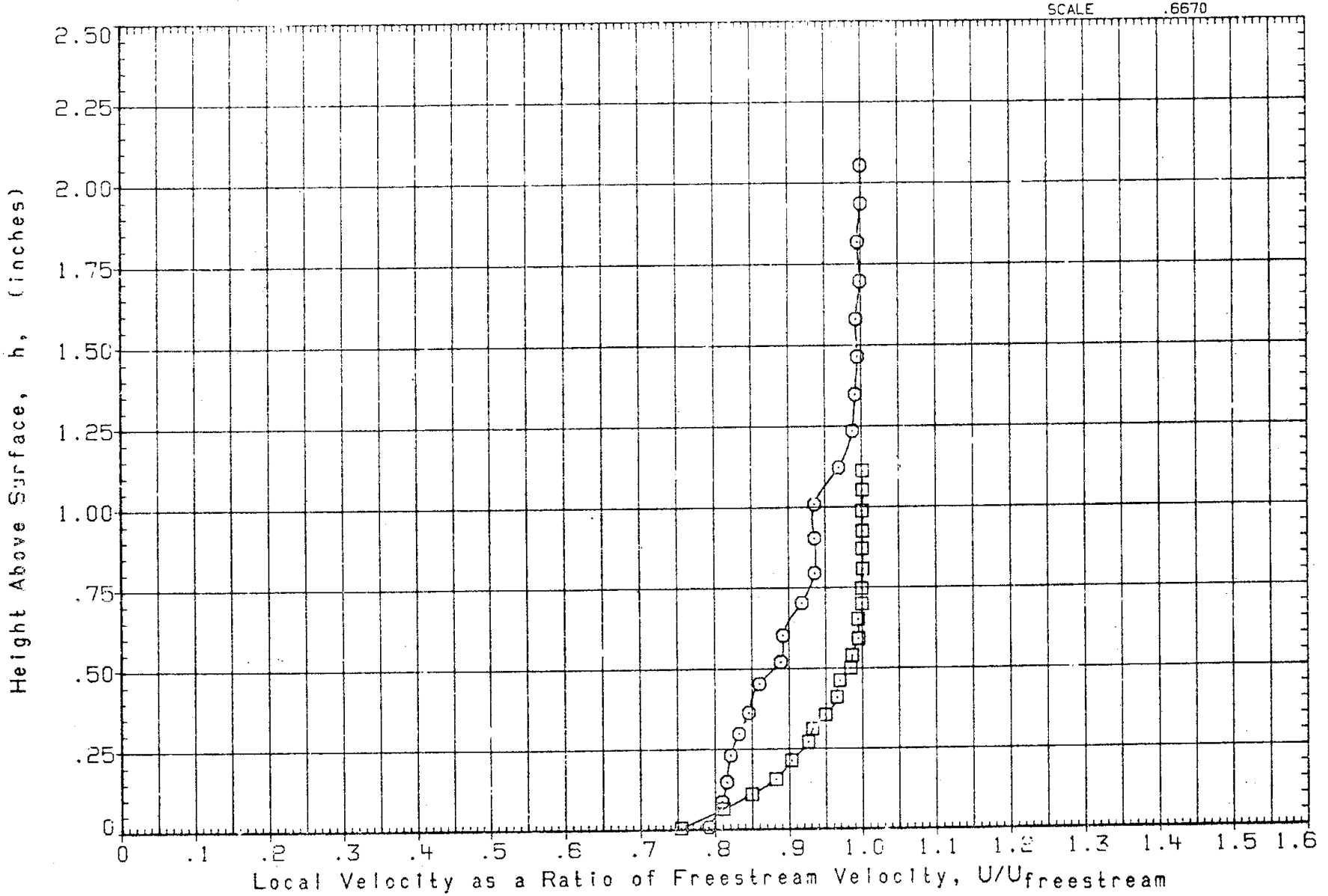


FIG. 107 BOUNDARY LAYER VELOCITY PROFILE, P45 + A + S

(C)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL63 | ○ | OA252 (ARC 382-1-22) P45 + A + S | .001 | 45.000 |
| A3TL66 | □ | OA252 (ARC 382-1-22) P45 + A + S | 1.340 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

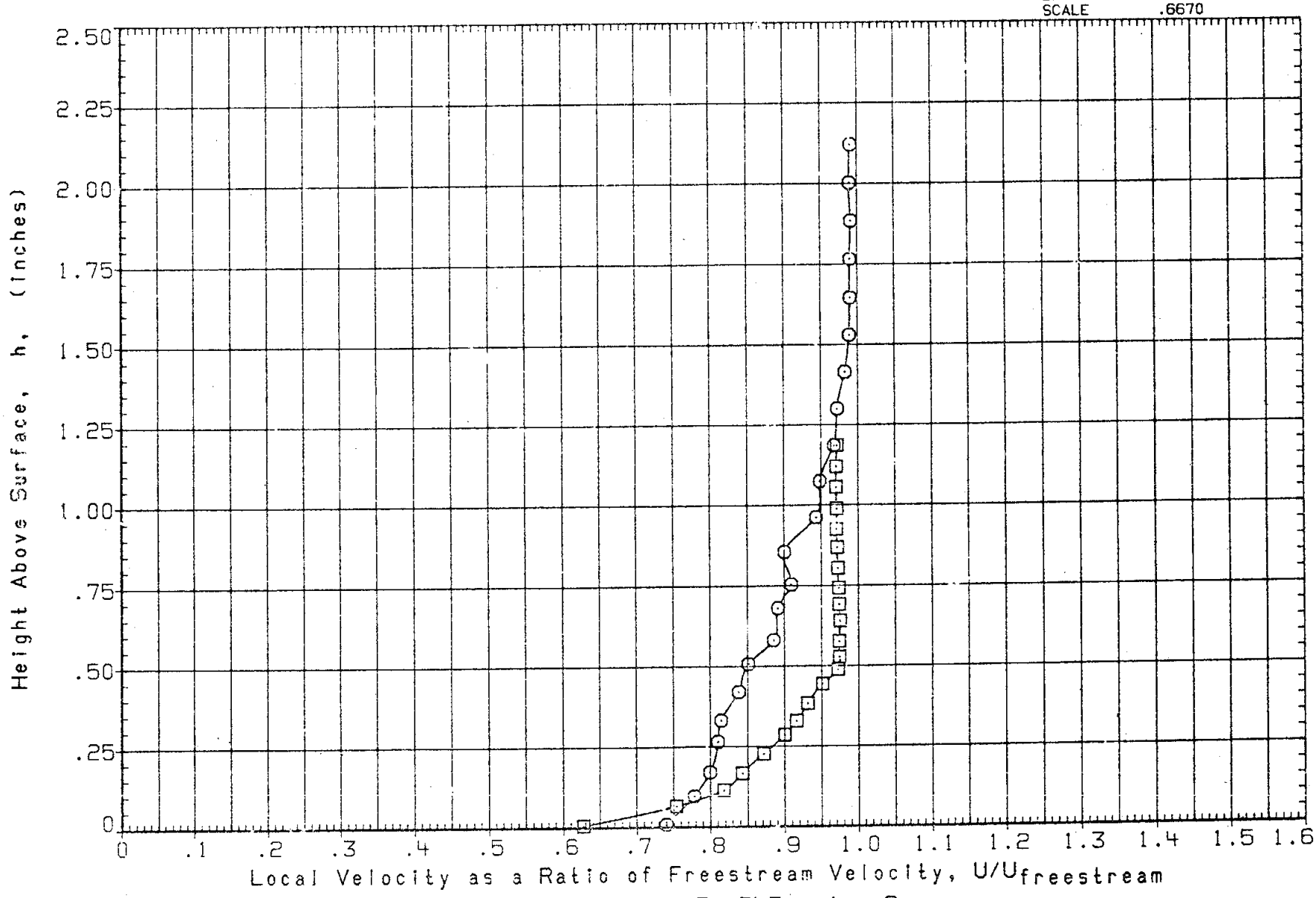


FIG. 107 BOUNDARY LAYER VELOCITY PROFILE, P45 + A + S

(D)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL63 | ○ | OA252 (ARC 382-1-22) P45 + A + S | .001 | 45.000 |
| A3TL65 | □ | DATA NOT AVAILABLE | 1.340 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

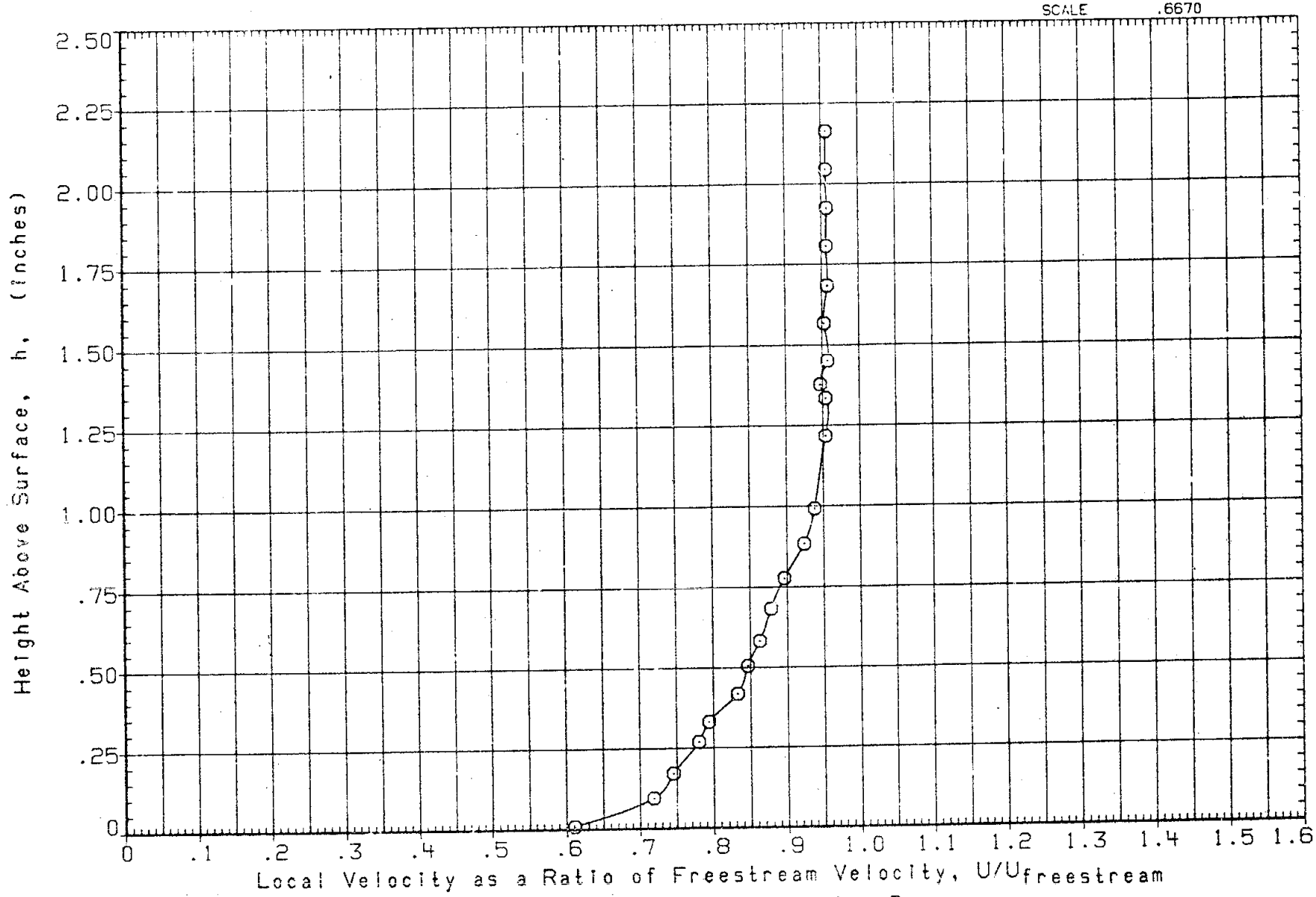


FIG. 107 BOUNDARY LAYER VELOCITY PROFILE, P45 + A + S

(E)MACH = 1.40 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

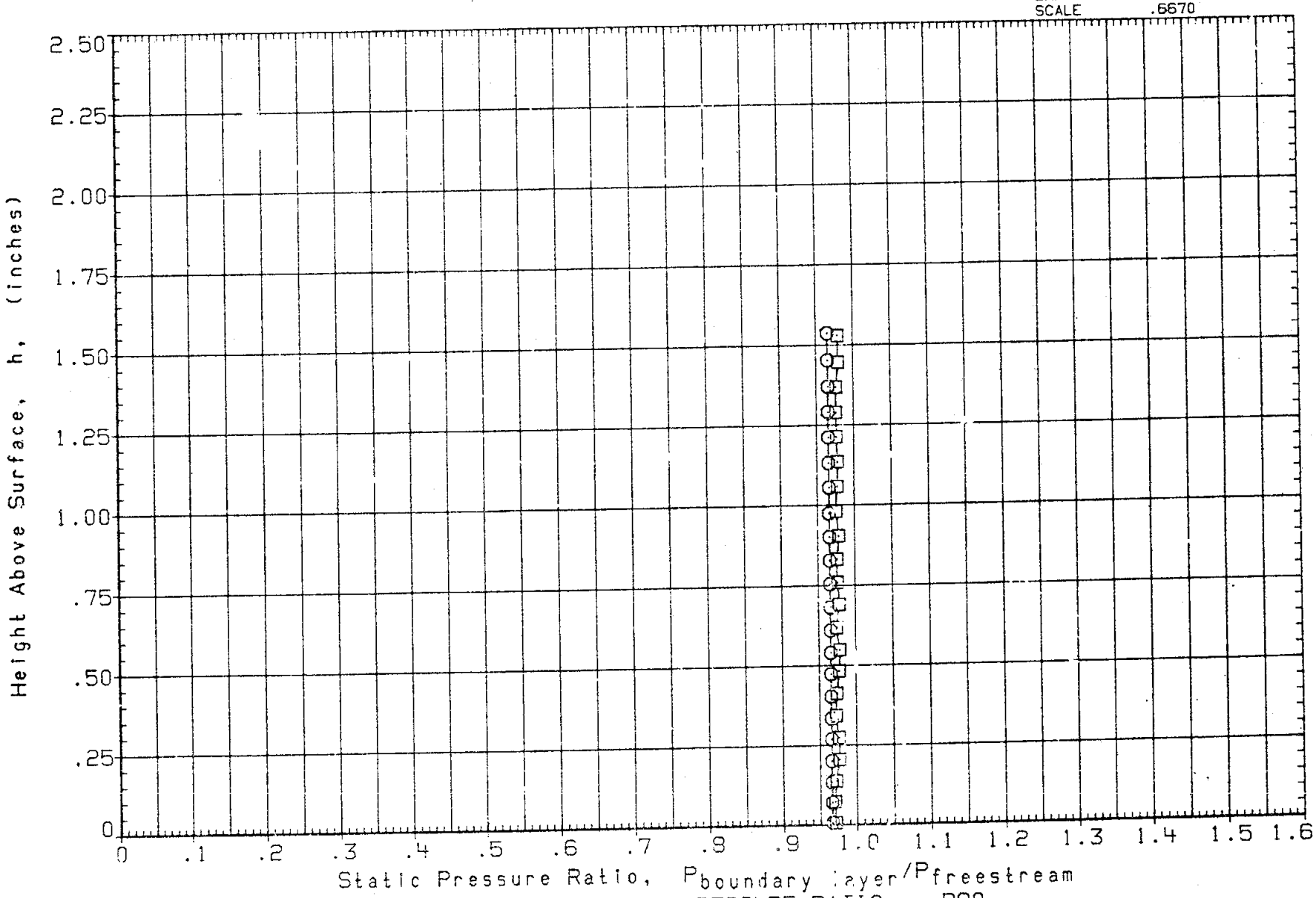


FIG. 108 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90

(A)MACH = .60

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

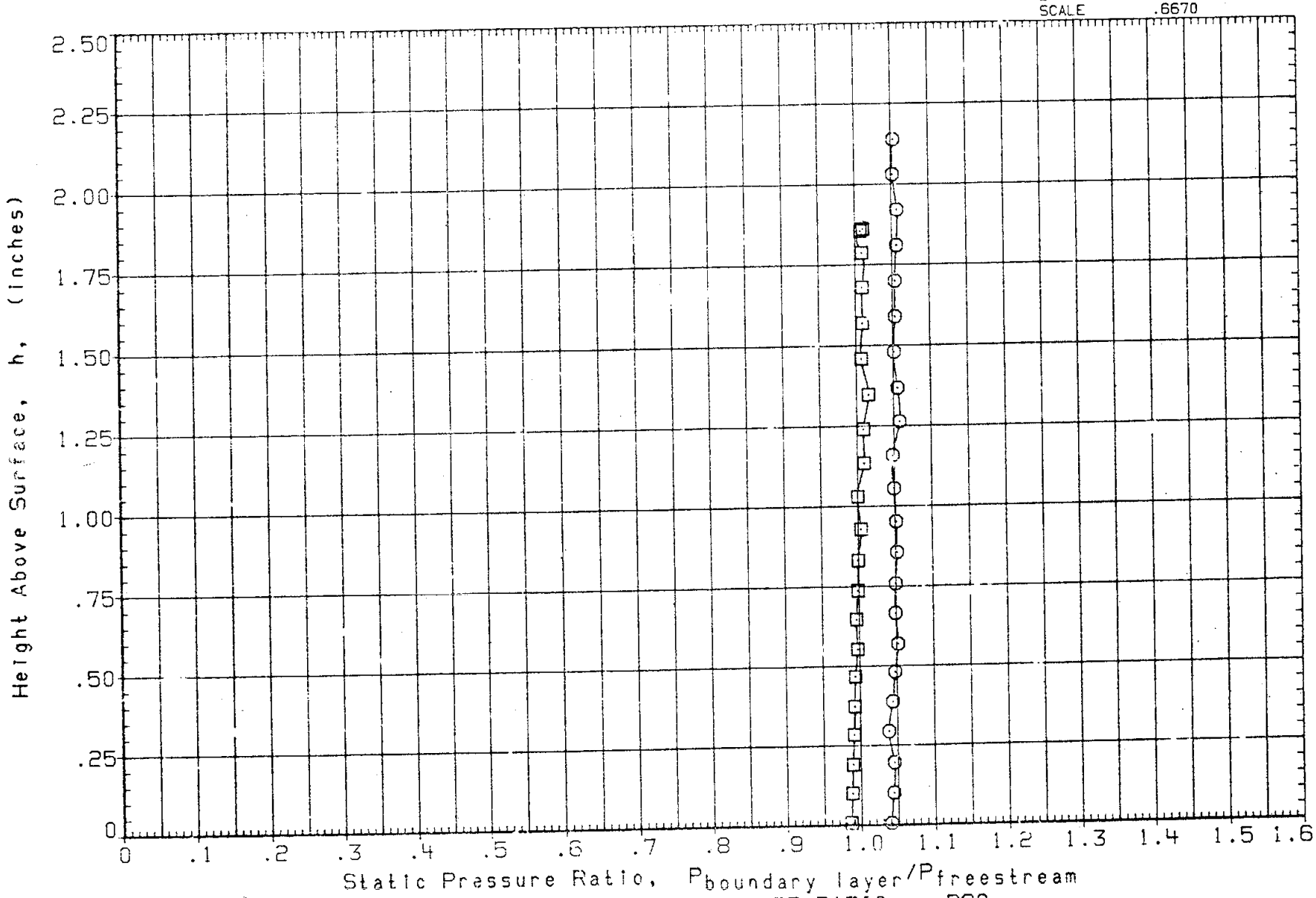


FIG. 108 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90

(B)MACH = .80

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

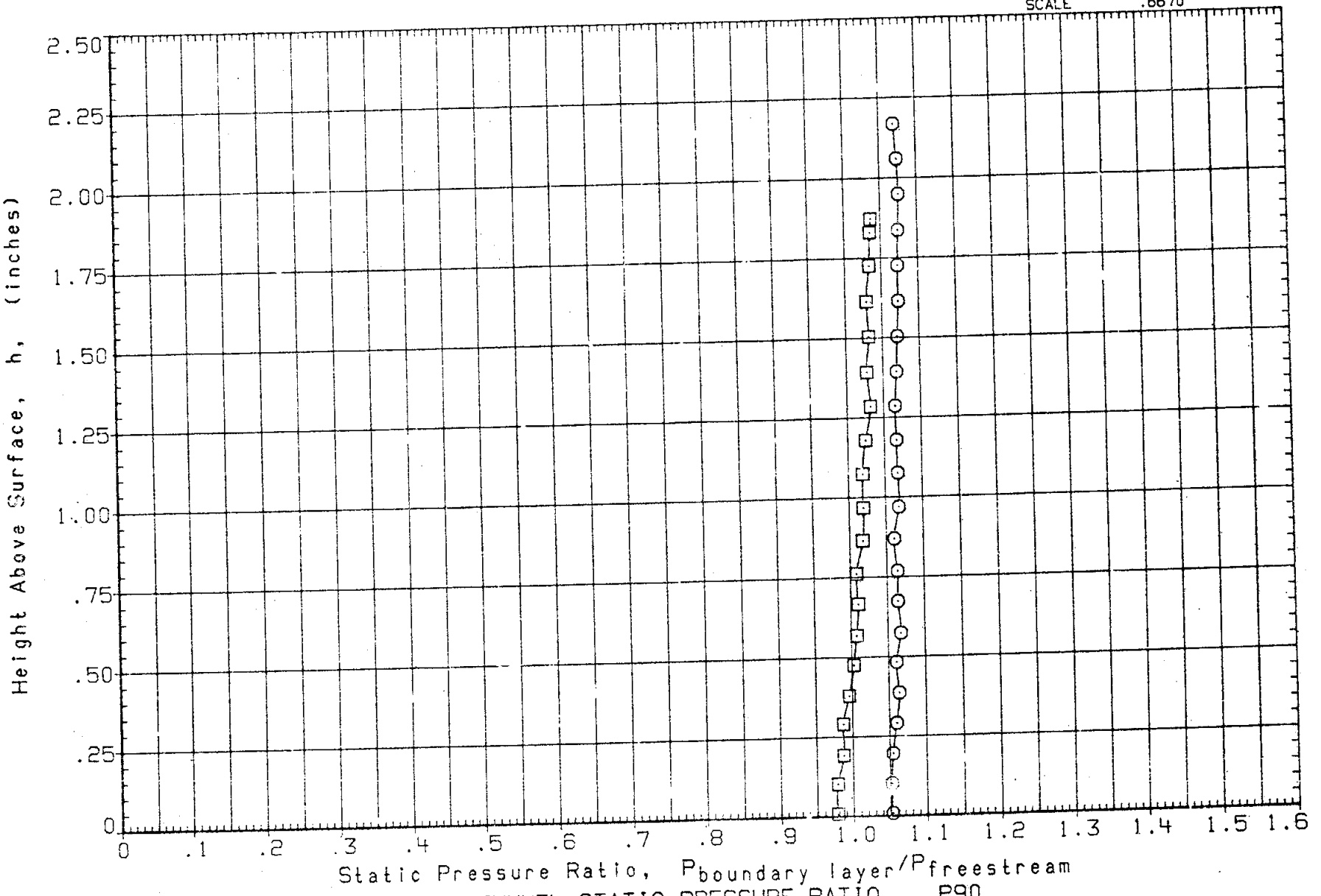


FIG. 108 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90

(C)MACH = .90

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

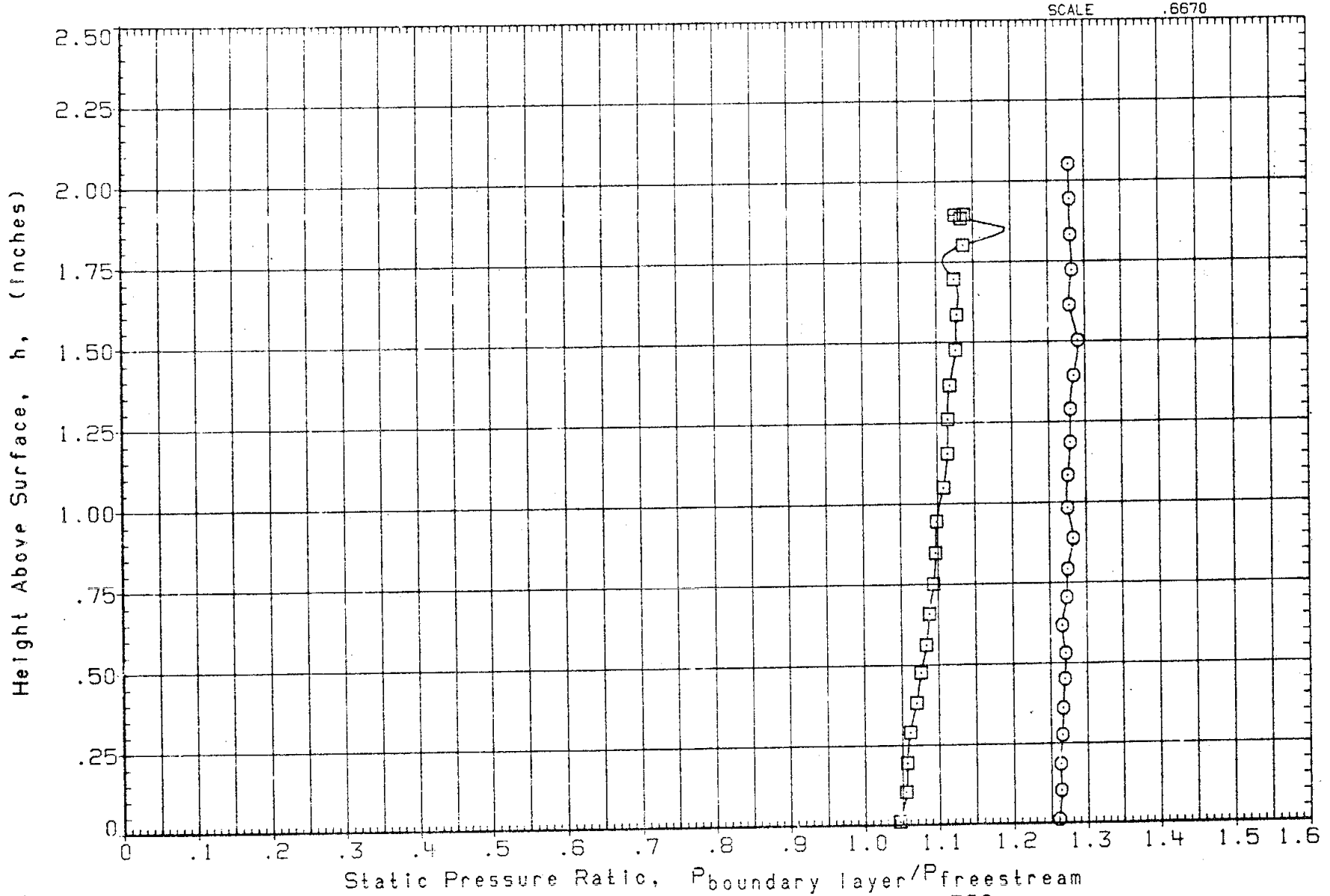


FIG. 108 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90

(D)MACH = 1.05

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

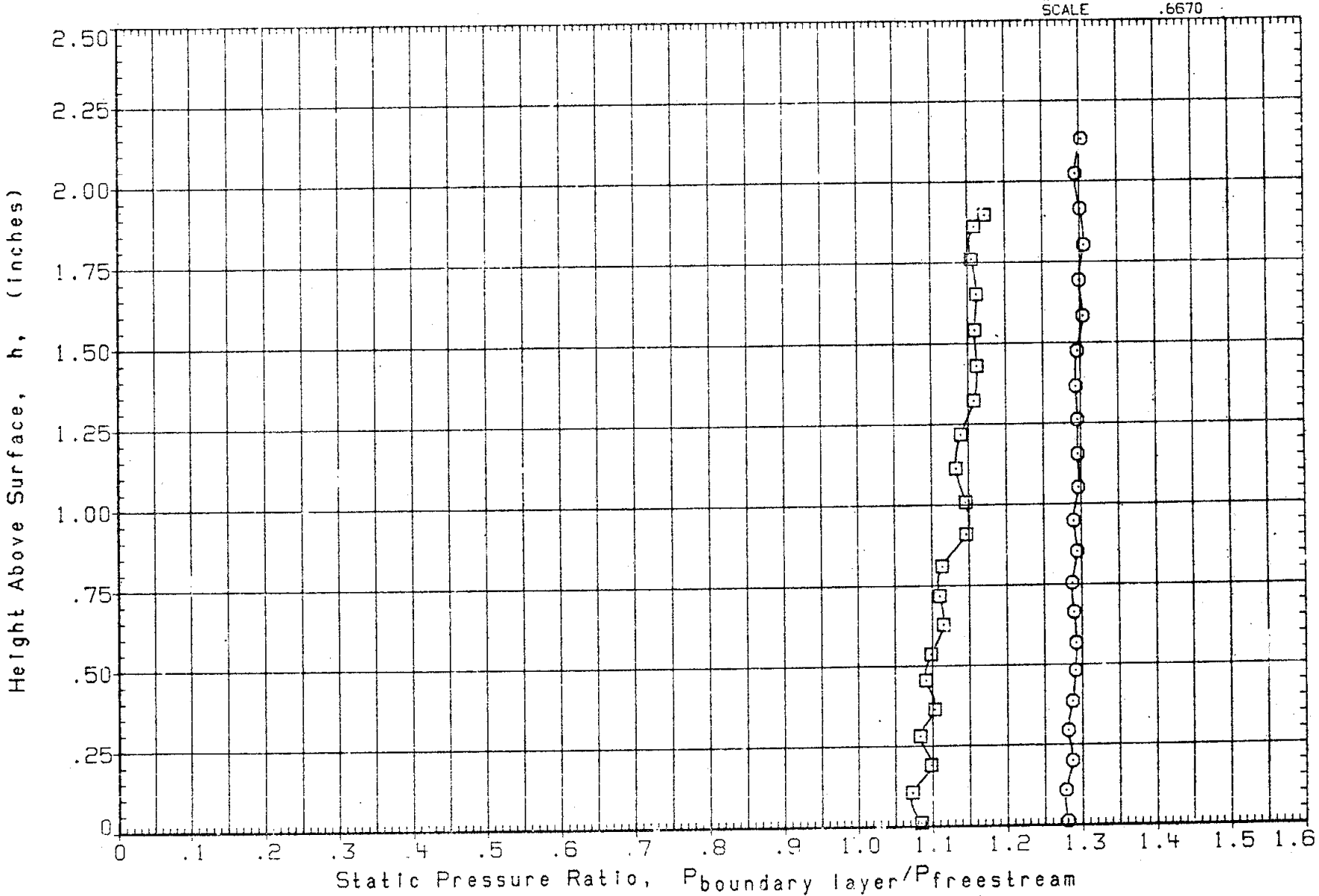


FIG. 108 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90

(E)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

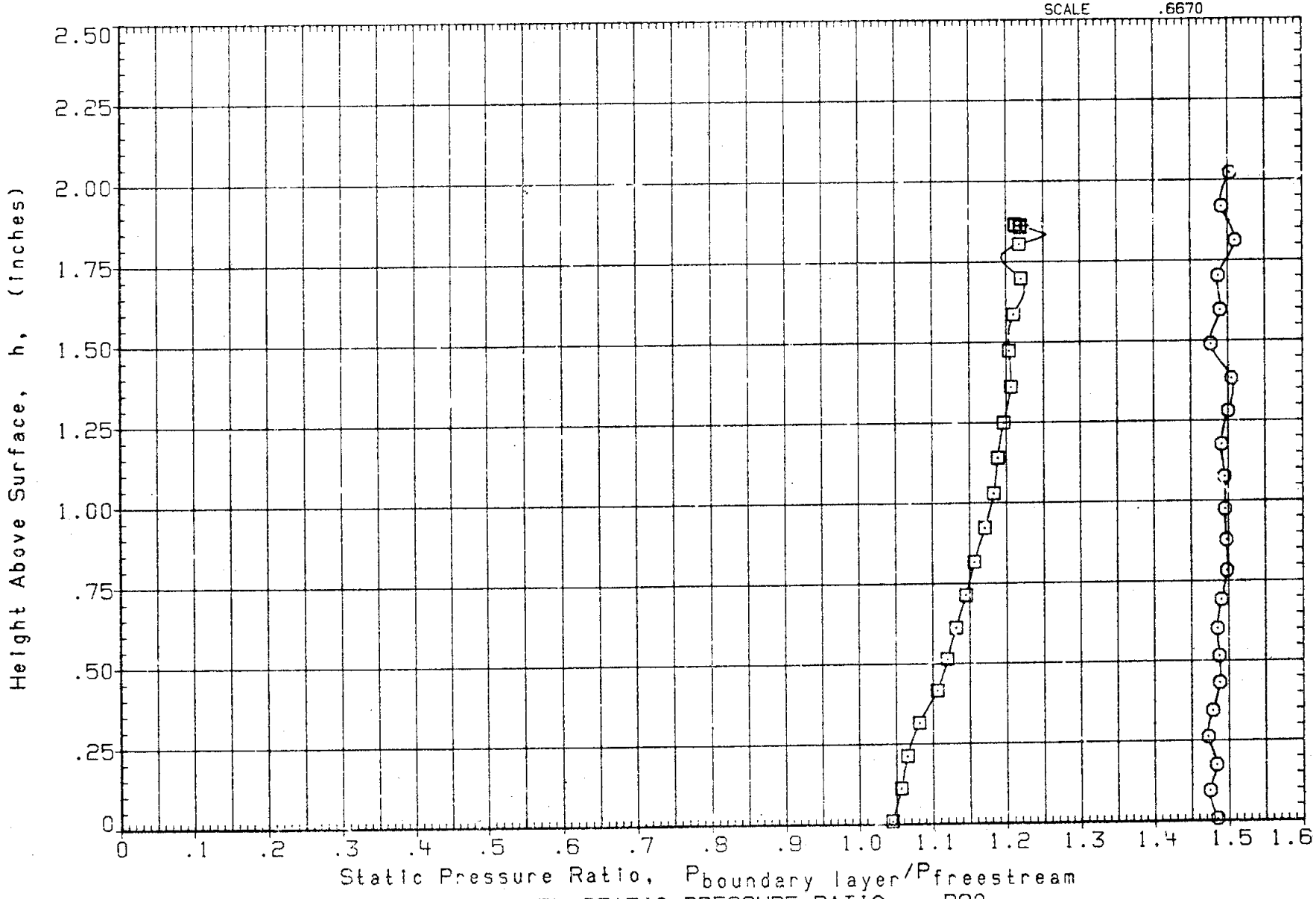


FIG. 108 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90

(F)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL04 | ○ | OA252 (ARC 382-1-22) | P90 | .002 | 90.000 |
| A3TL10 | □ | OA252 (ARC 382-1-22) | P90 | 1.390 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

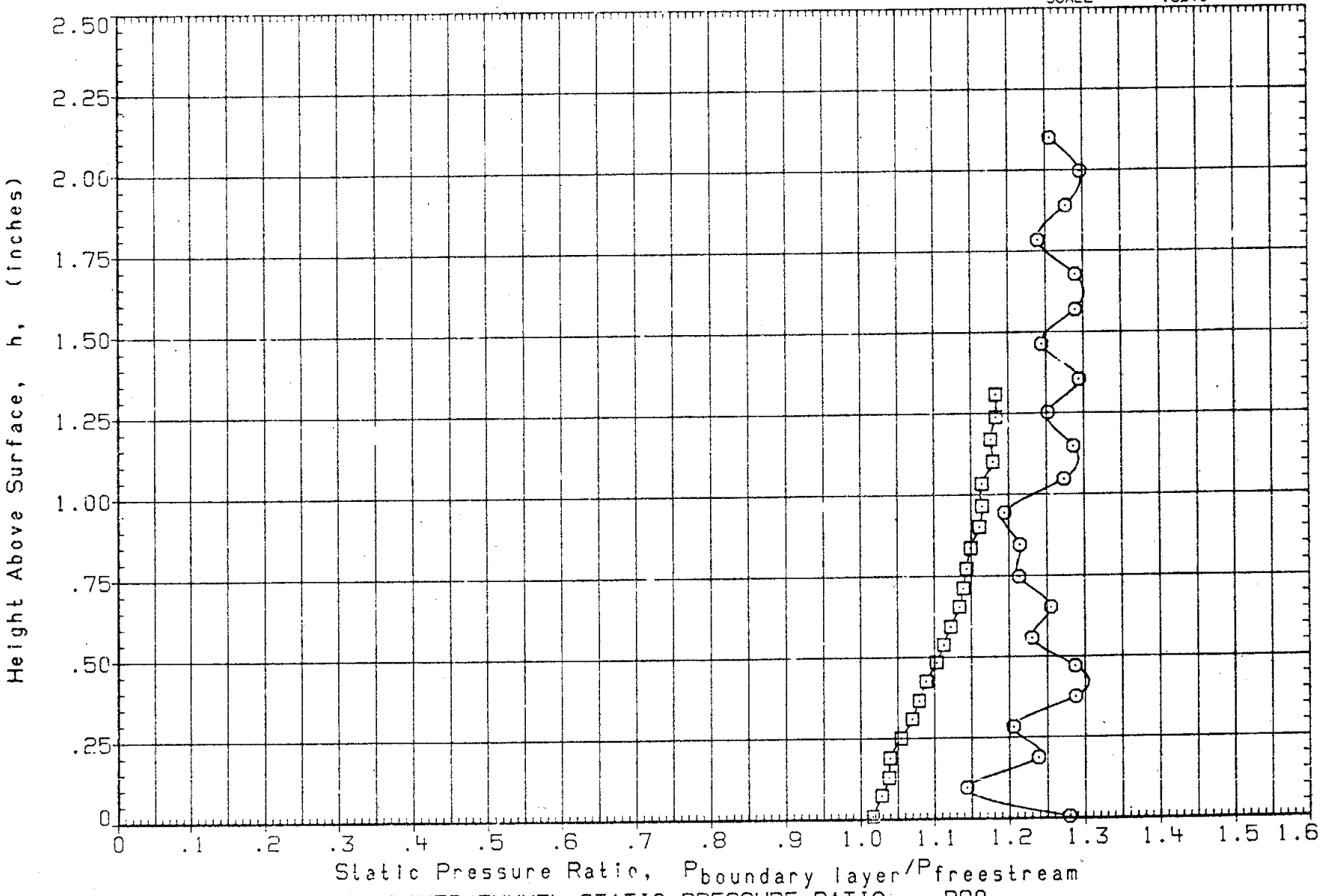


FIG. 108 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90

(G)MACH = 1.40 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

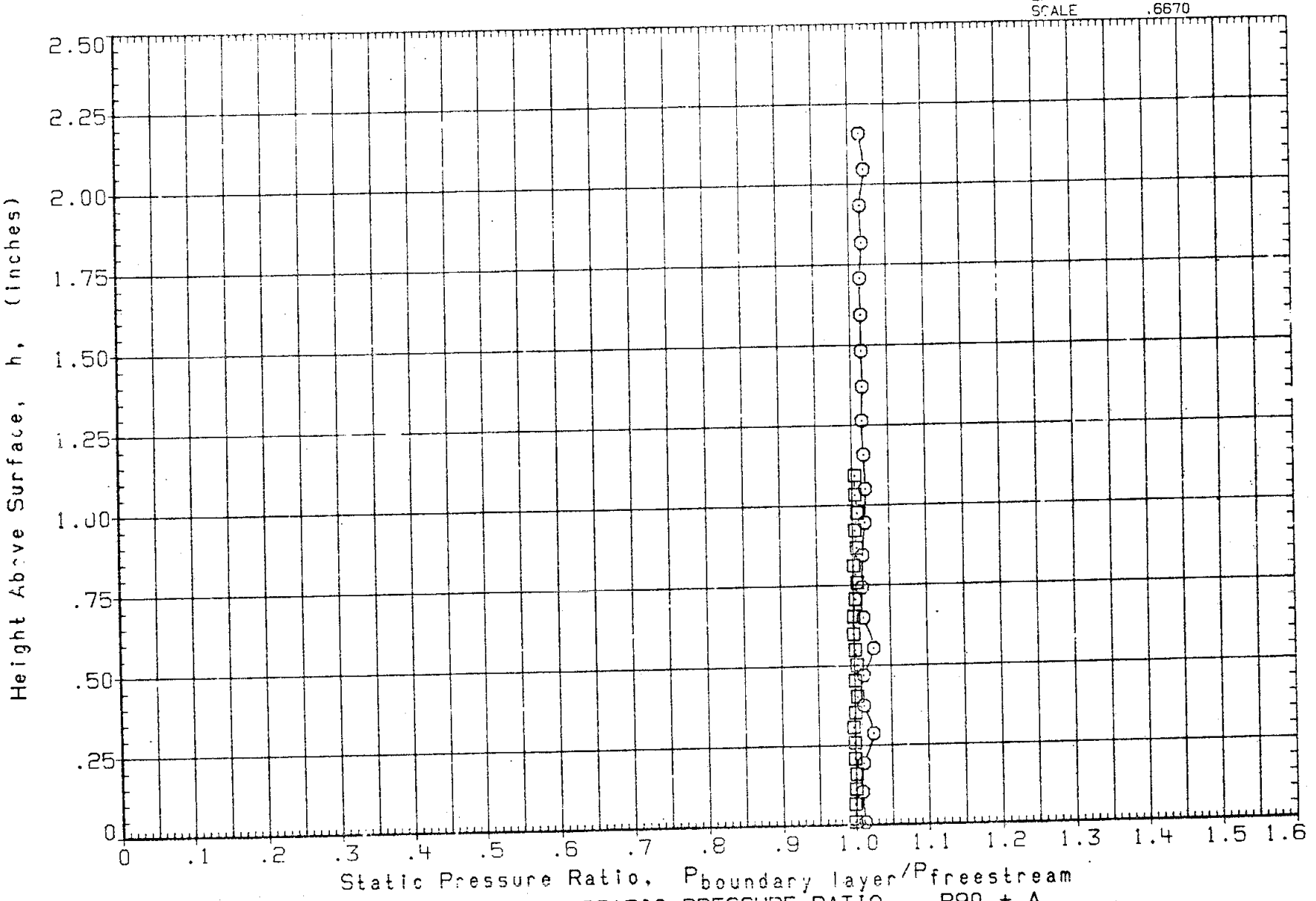


FIG. 109 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A

(A)MACH = .60

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

| REFERENCE INFORMATION | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

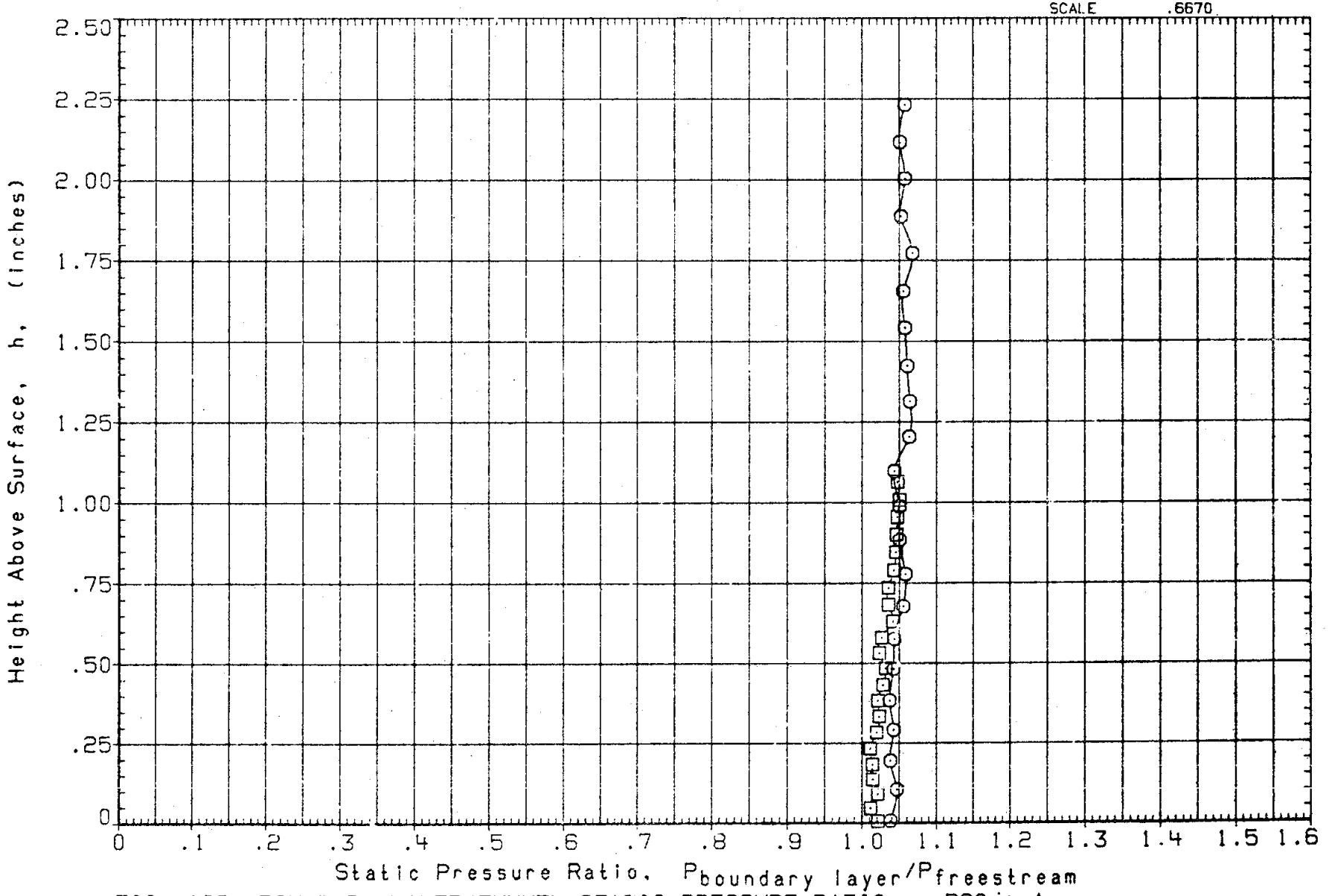


FIG. 109 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A

(B)MACH = .80 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL[illegible] | ○ | OA252 (ARC 382-1-22) | P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) | P90 + A | 1.395 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

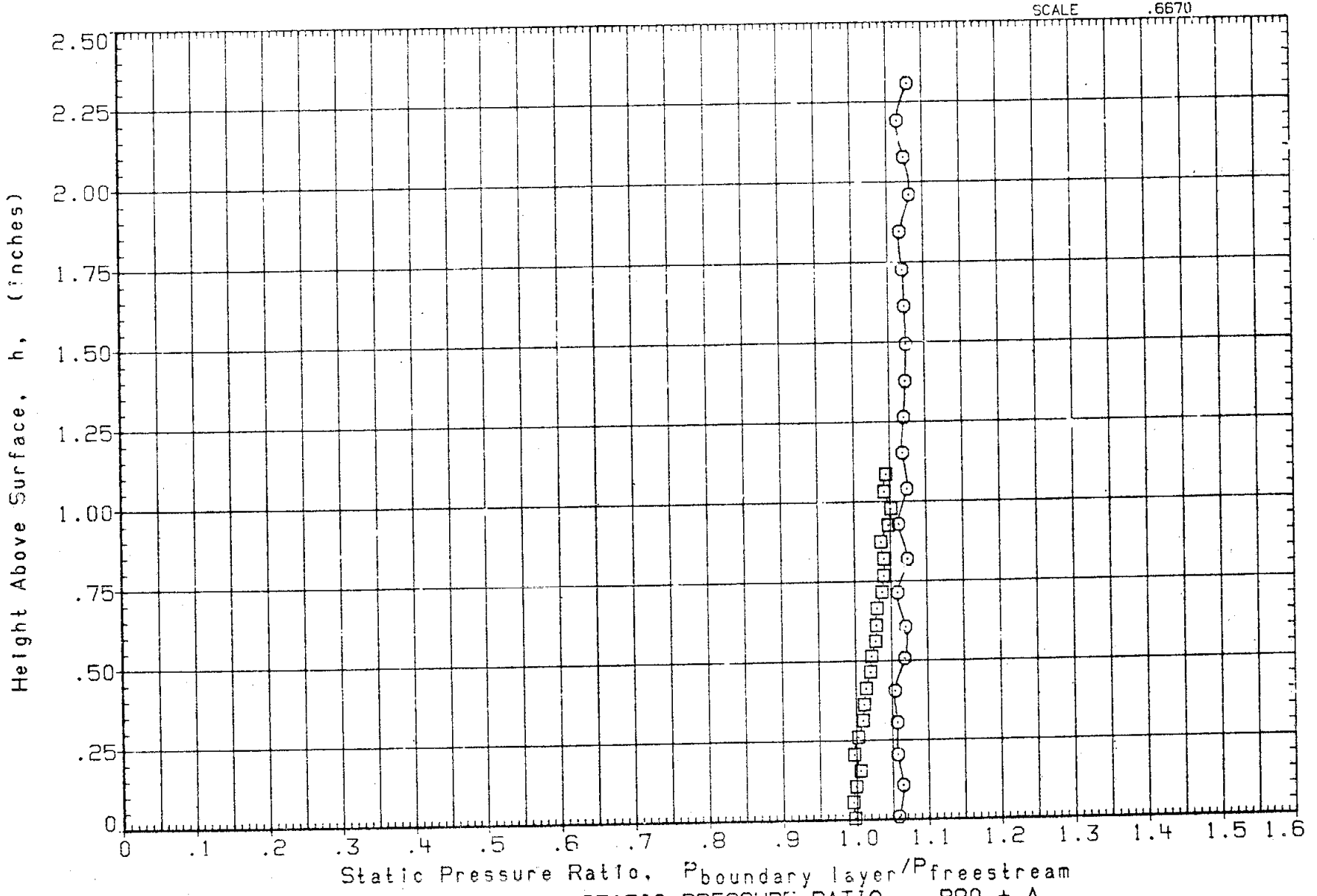


FIG. 109 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A

(C)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

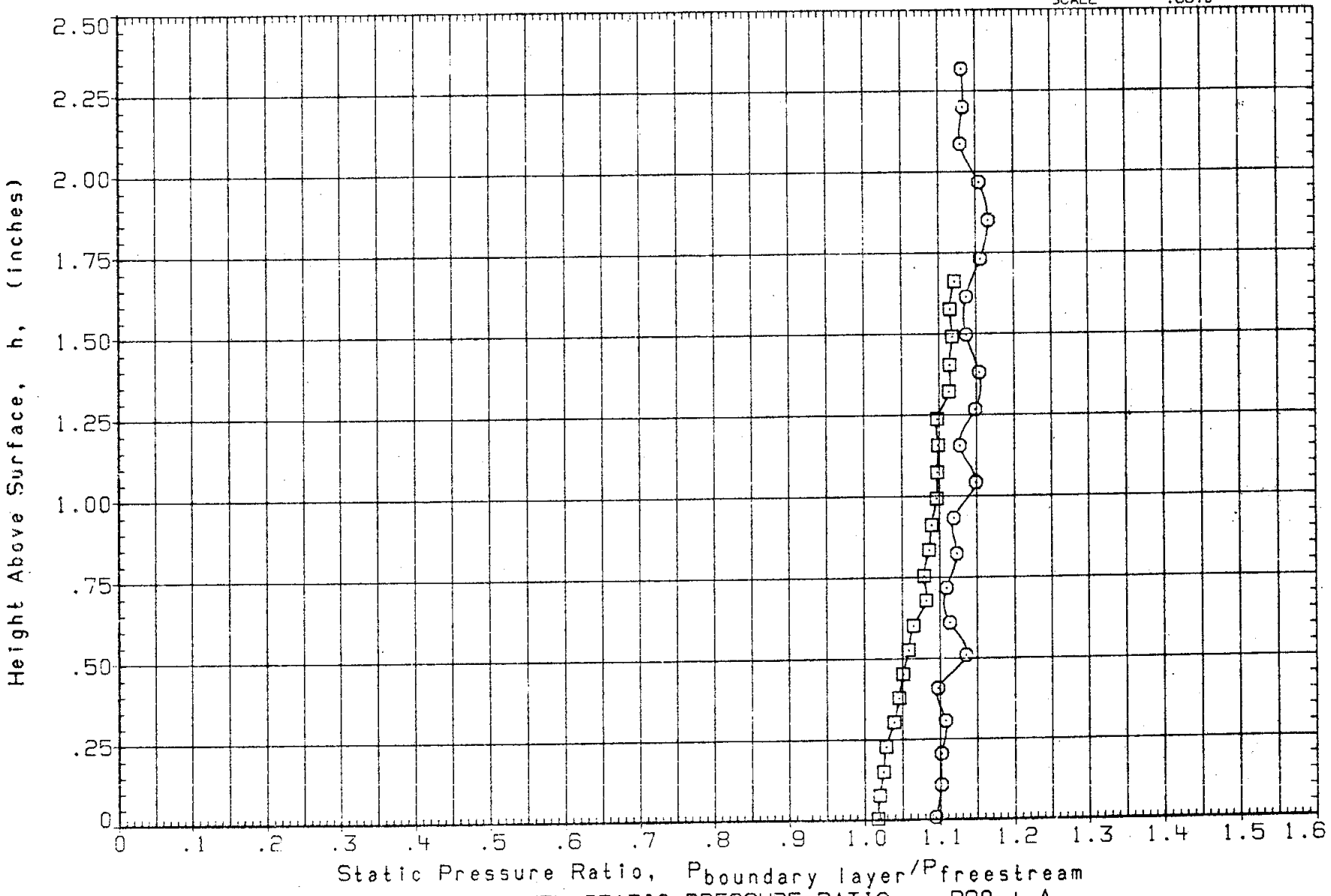


FIG. 109 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A

(D)MACH = 1.06 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | ANGLE | PANEL |
|---|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) | P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) | P90 + A | 1.305 | 90.000 |

| REFERENCE INFORMATION | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

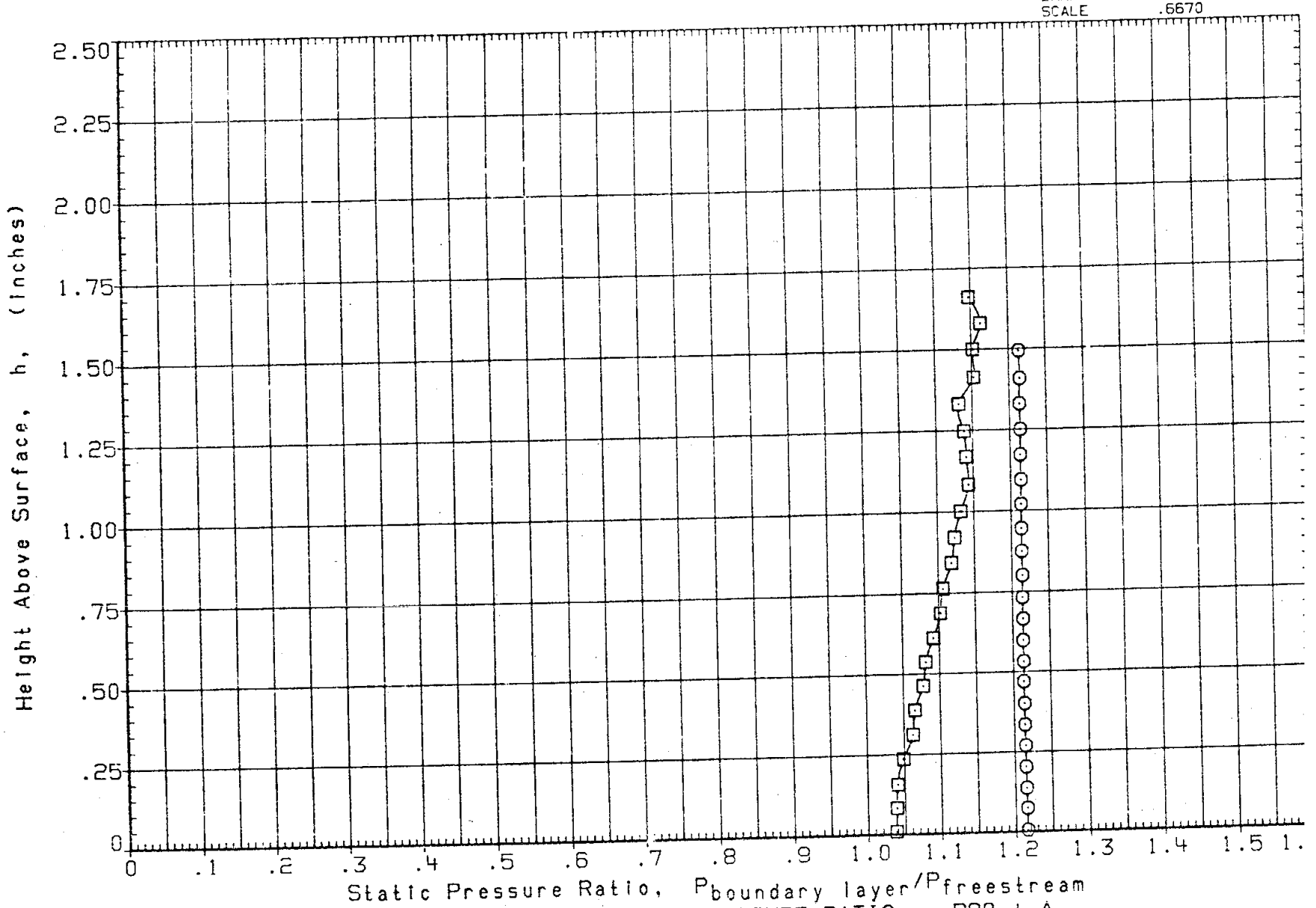


FIG. 109 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A

(E)MACH = 1.10

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

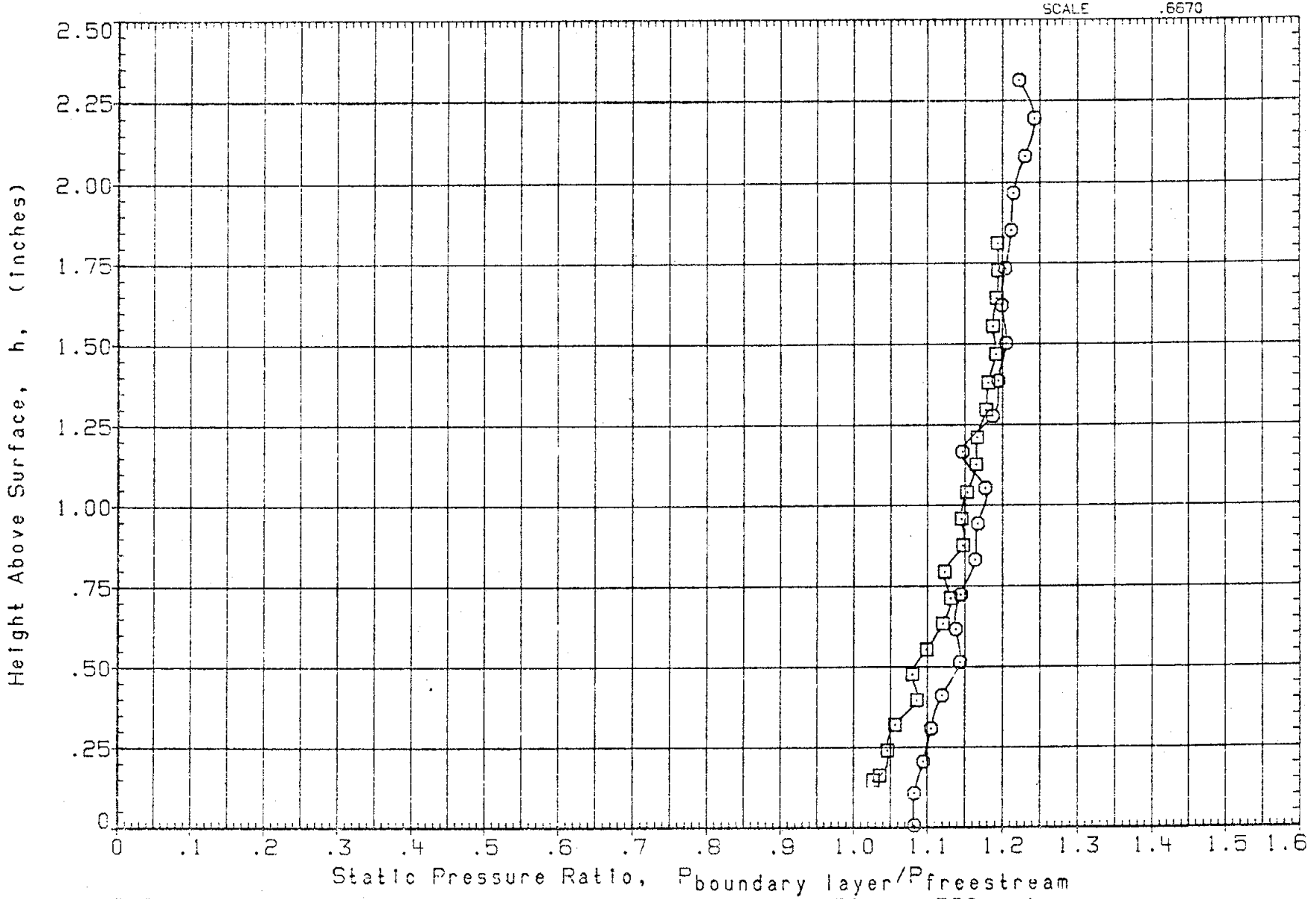


FIG. 109 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL17 | ○ | OA252 (ARC 382-1-22) P90 + A | .000 | 90.000 |
| A3TL26 | □ | OA252 (ARC 382-1-22) P90 + A | 1.305 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

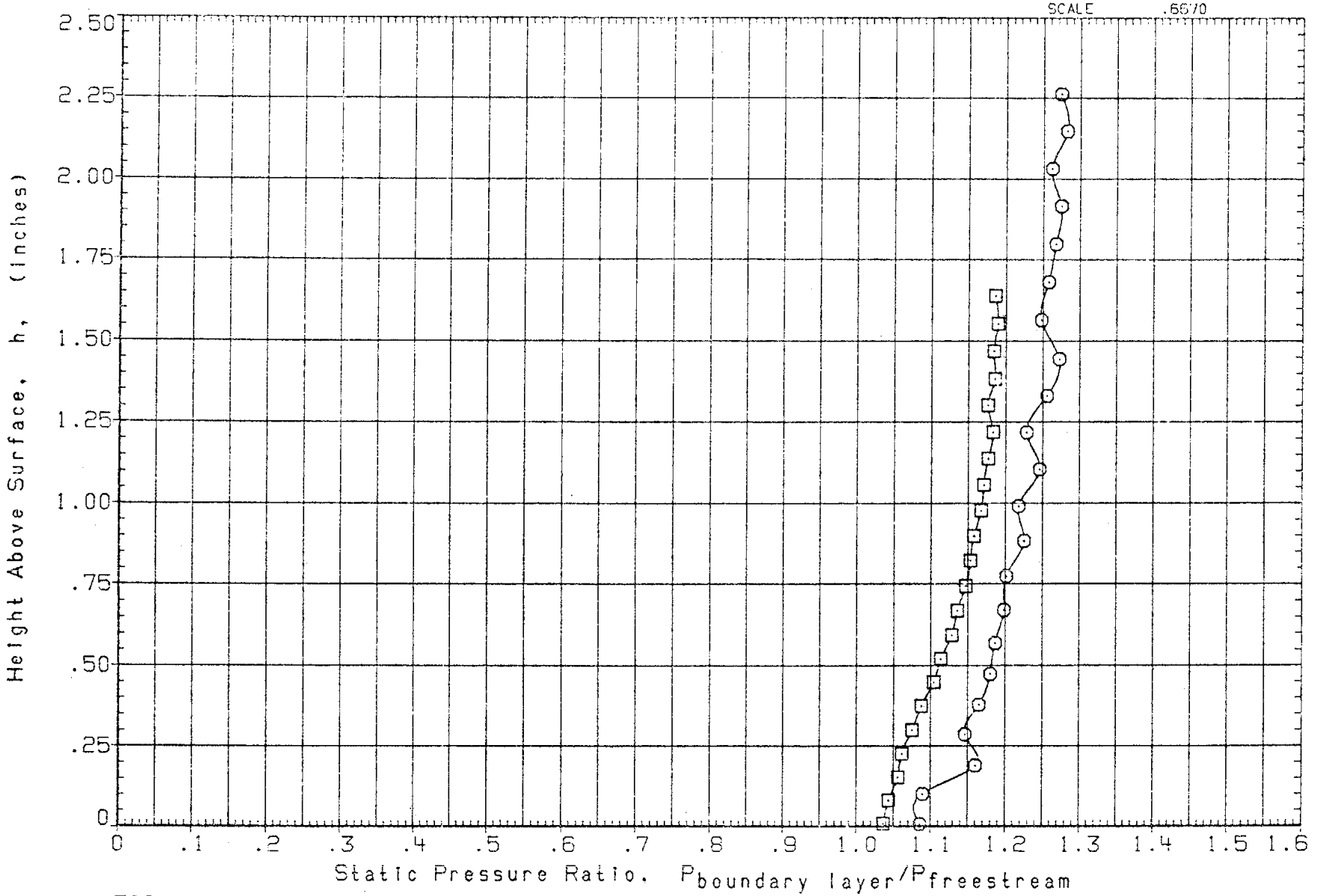


FIG. 109 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A

(G)MACH = 1.40 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL31 | ○ | 0A252 (ARC 392-1-22) P90 + S | .002 | 90.000 |
| A3TL35 | □ | 0A252 (ARC 392-1-22) P90 + S | 1.399 | 90.000 |

| REFERENCE INFORMATION | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

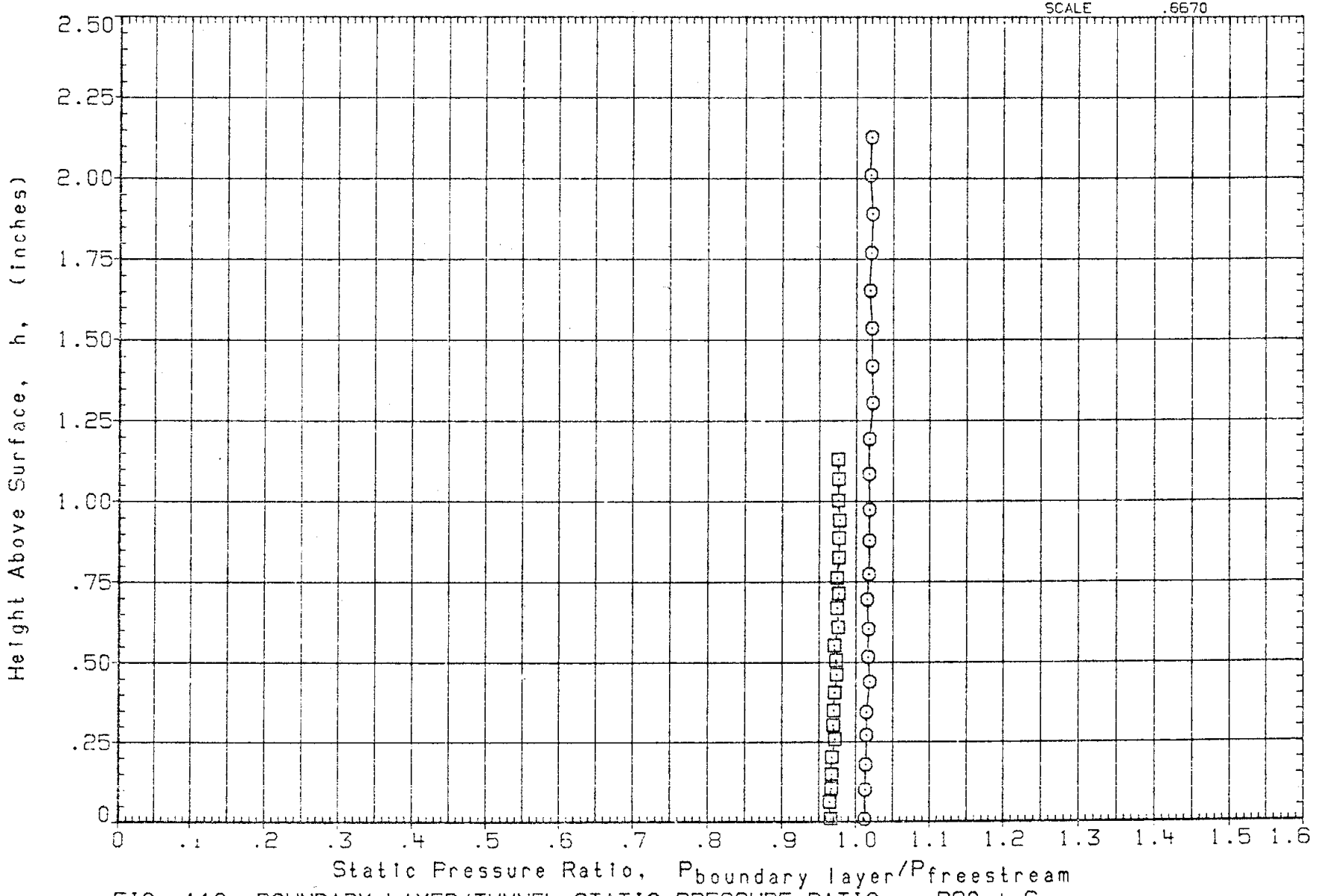


FIG. 110 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + S

(A)MACH = .60 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

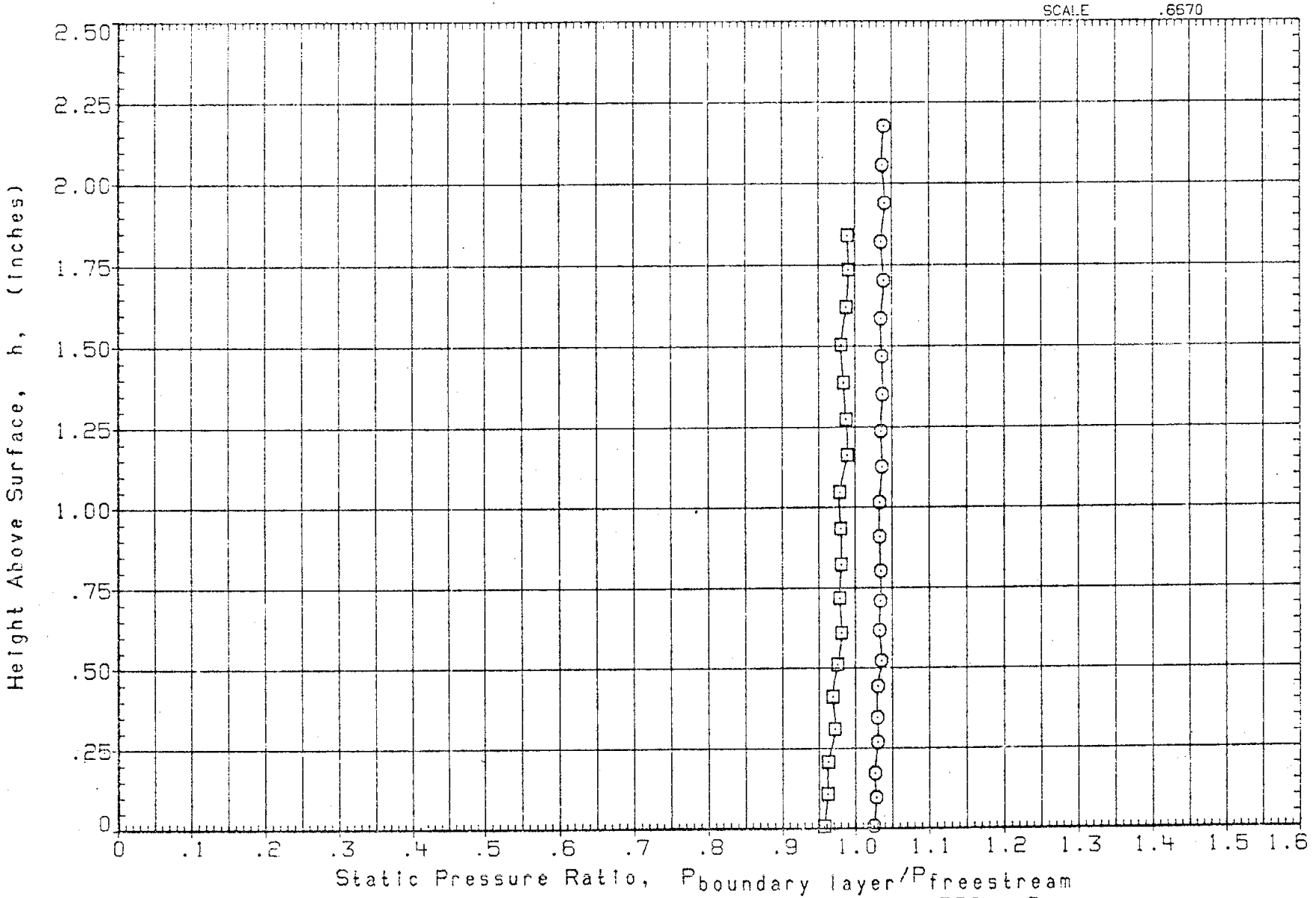


FIG. 110 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + S

(B)MACH = .80 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

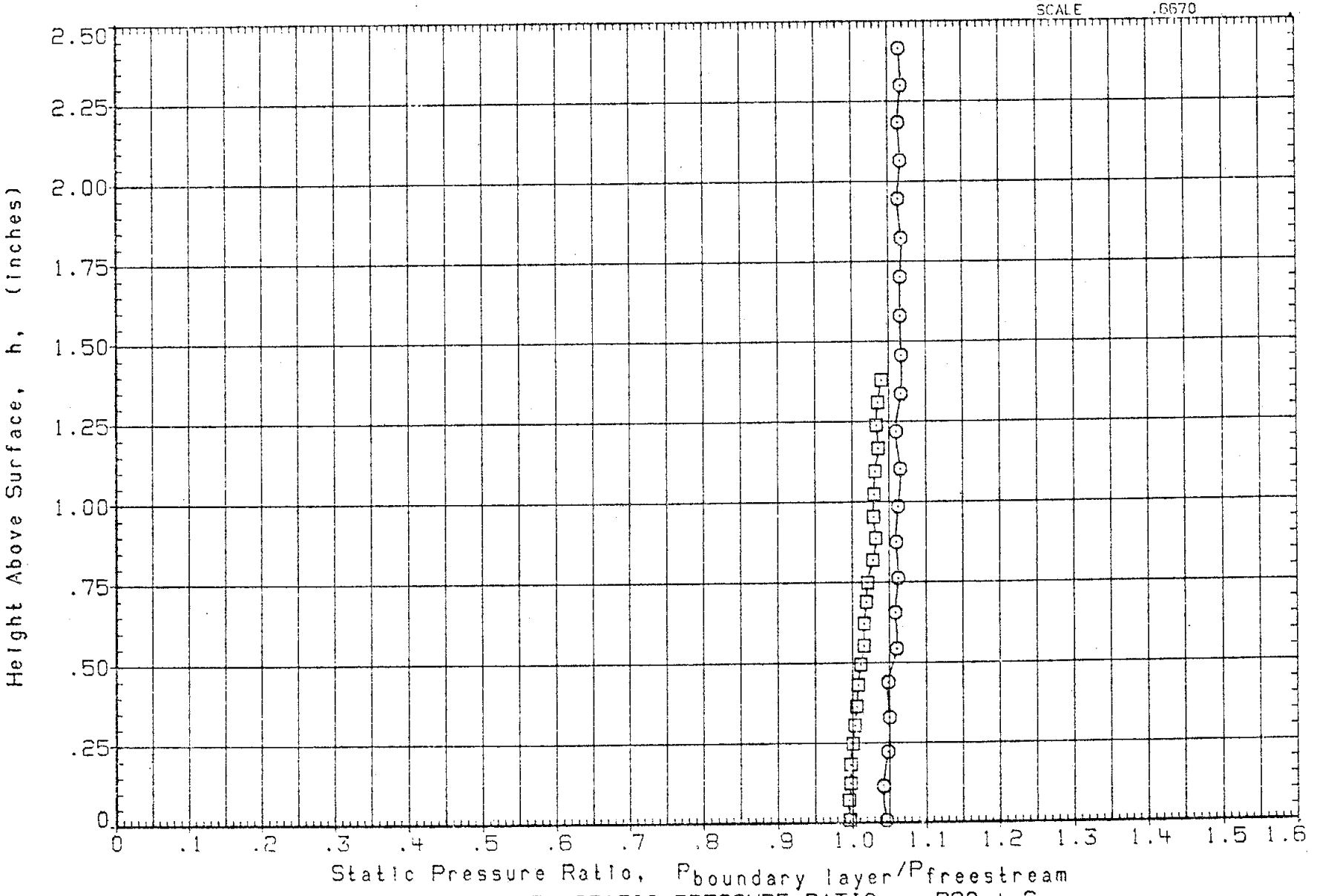


FIG. 110 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + S

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) P90 + S | 1.399 | 90.000 |

| REFERENCE INFORMATION | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

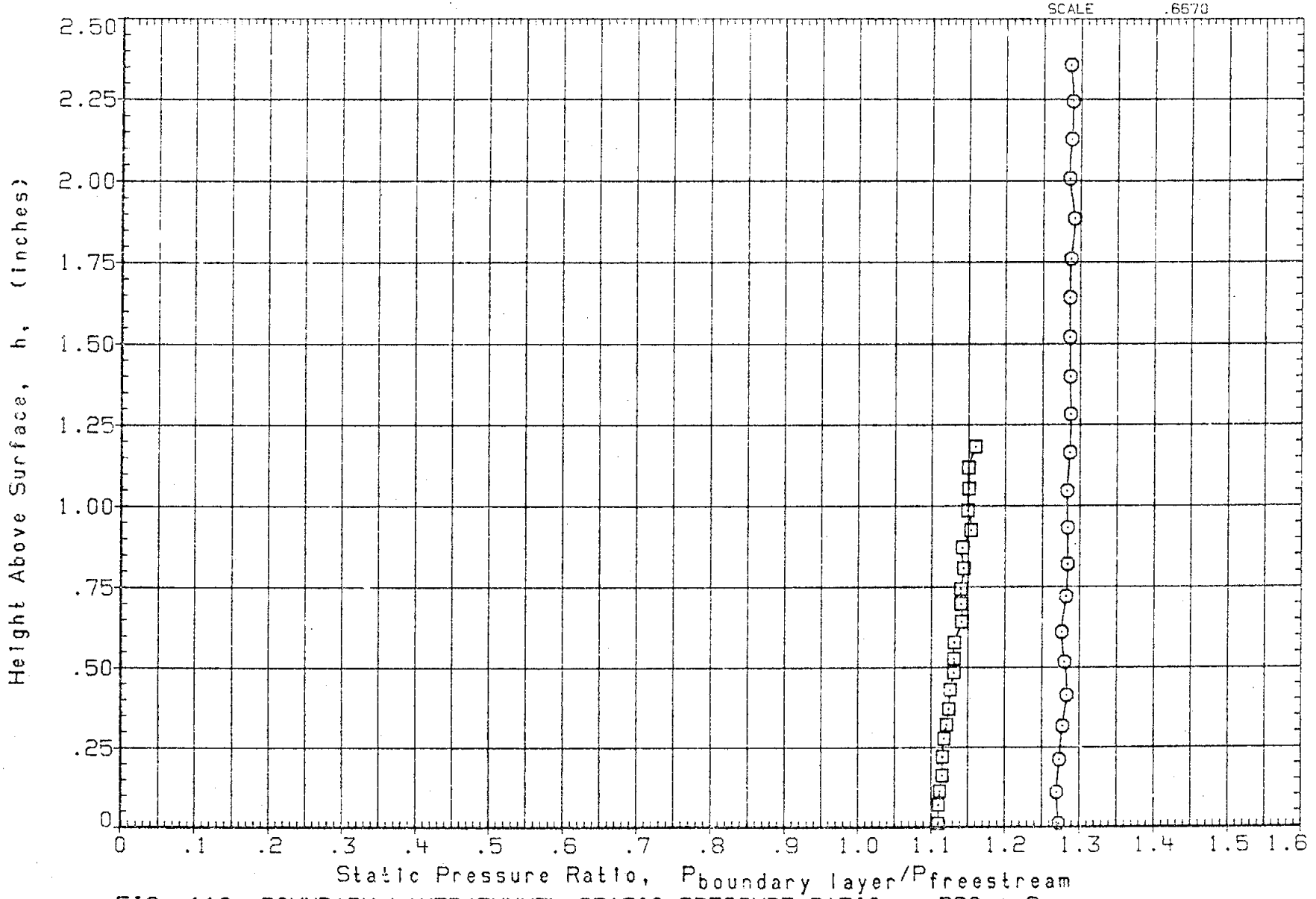


FIG. 110 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + S

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

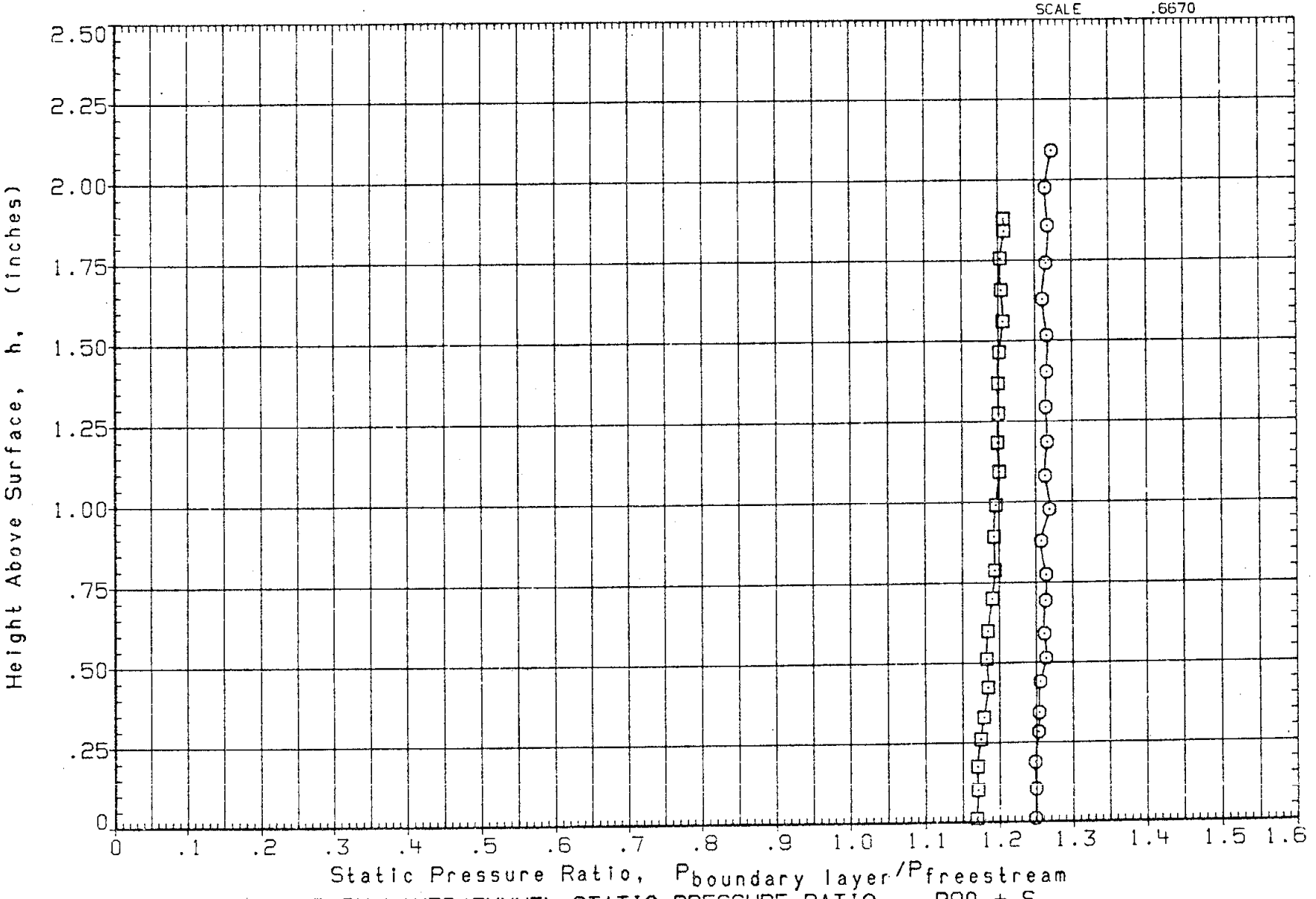


FIG. 110 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + S

(E)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

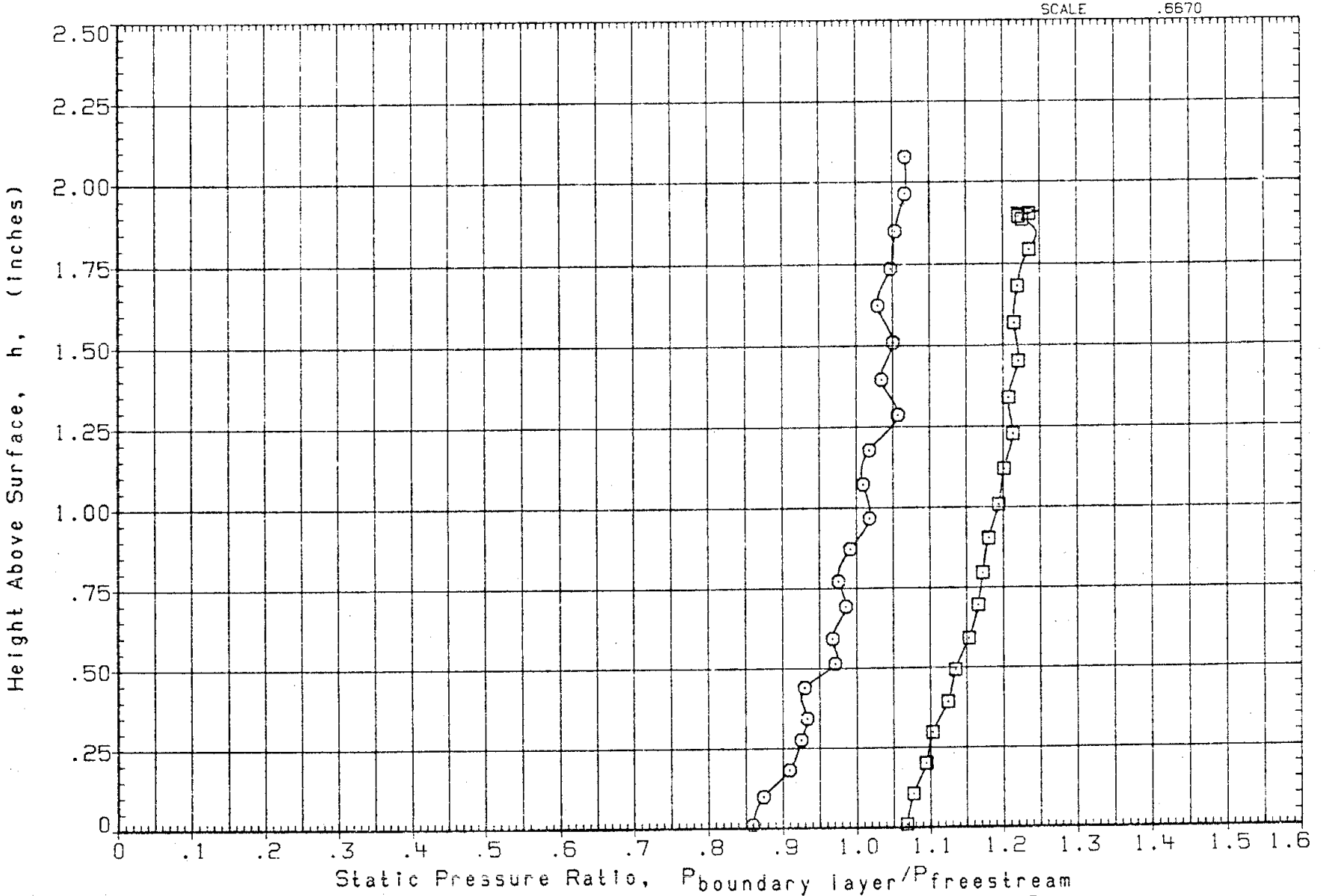


FIG. 110 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + S

(F)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL31 | ○ | OA252 (ARC 382-1-22) | P90 + S | .002 | 90.000 |
| A3TL35 | □ | OA252 (ARC 382-1-22) | P90 + S | 1.399 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

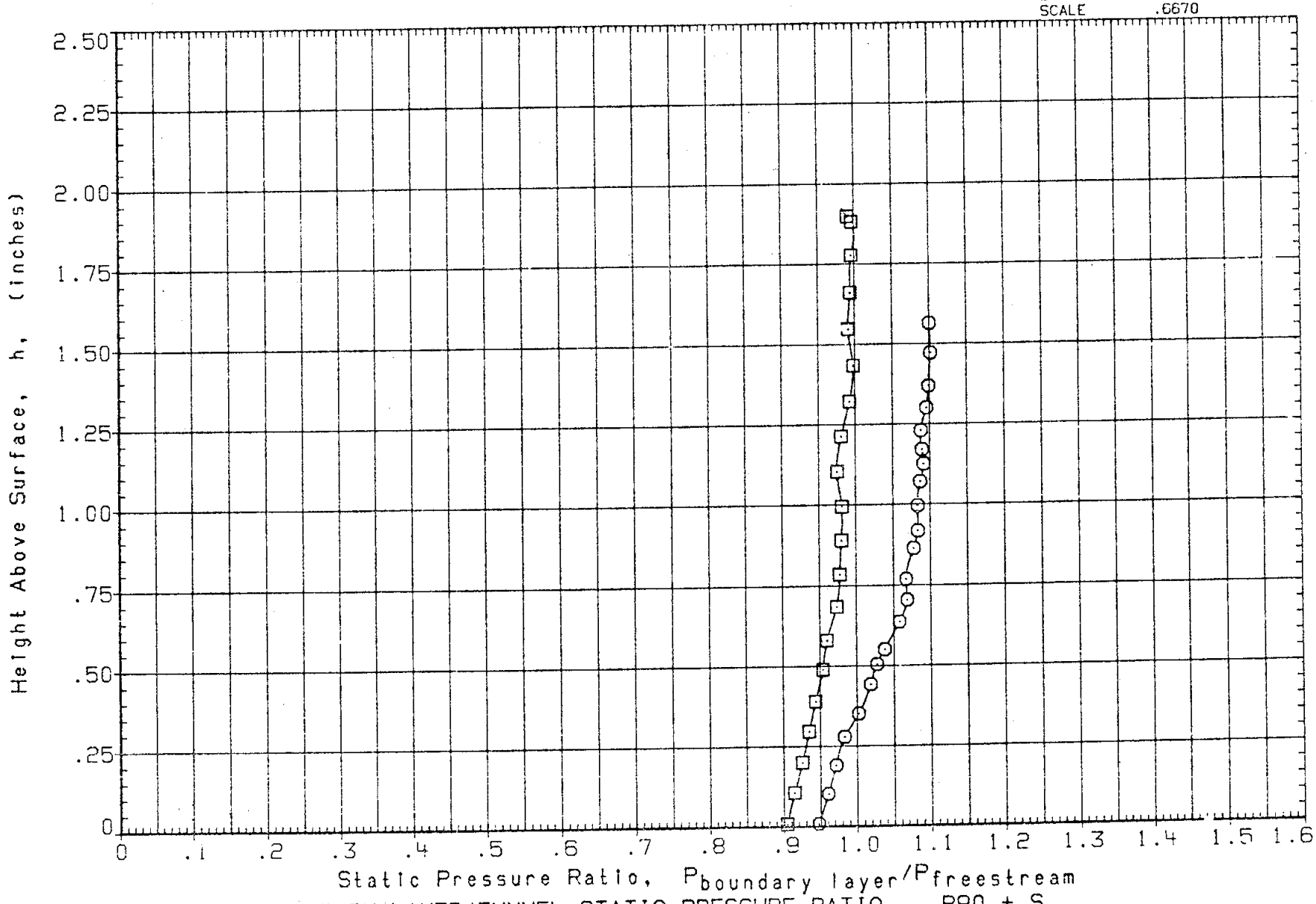


FIG. 110 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + S

(G)MACH = 1.39 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL38 | ○ | OA252 (ARC 382-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 382-1-22) P90 + A + S | 1.388 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

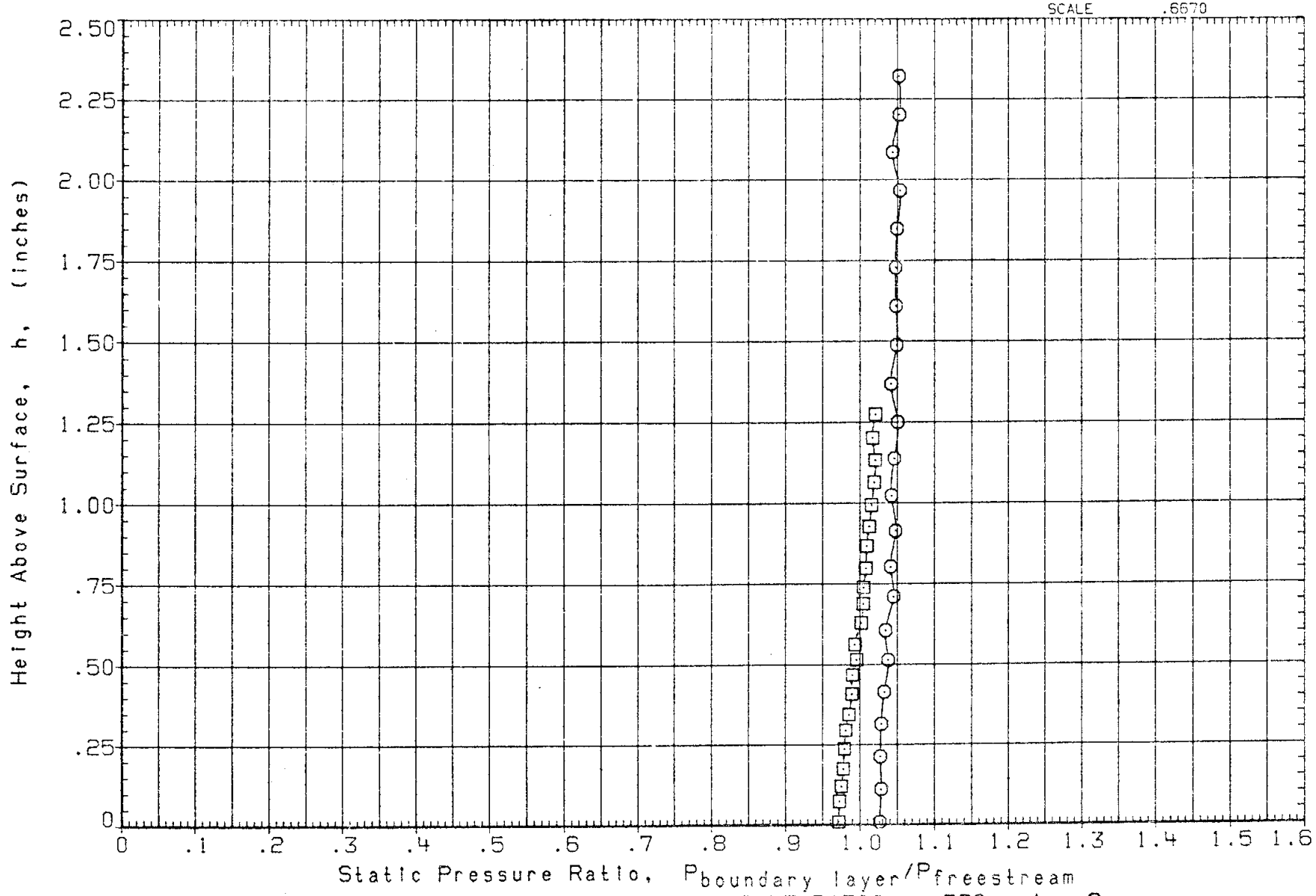


FIG. 111 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A + S

(A)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL38 | ○ | OA252 (ARC 382-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 382-1-22) P90 + A + S | 1.388 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

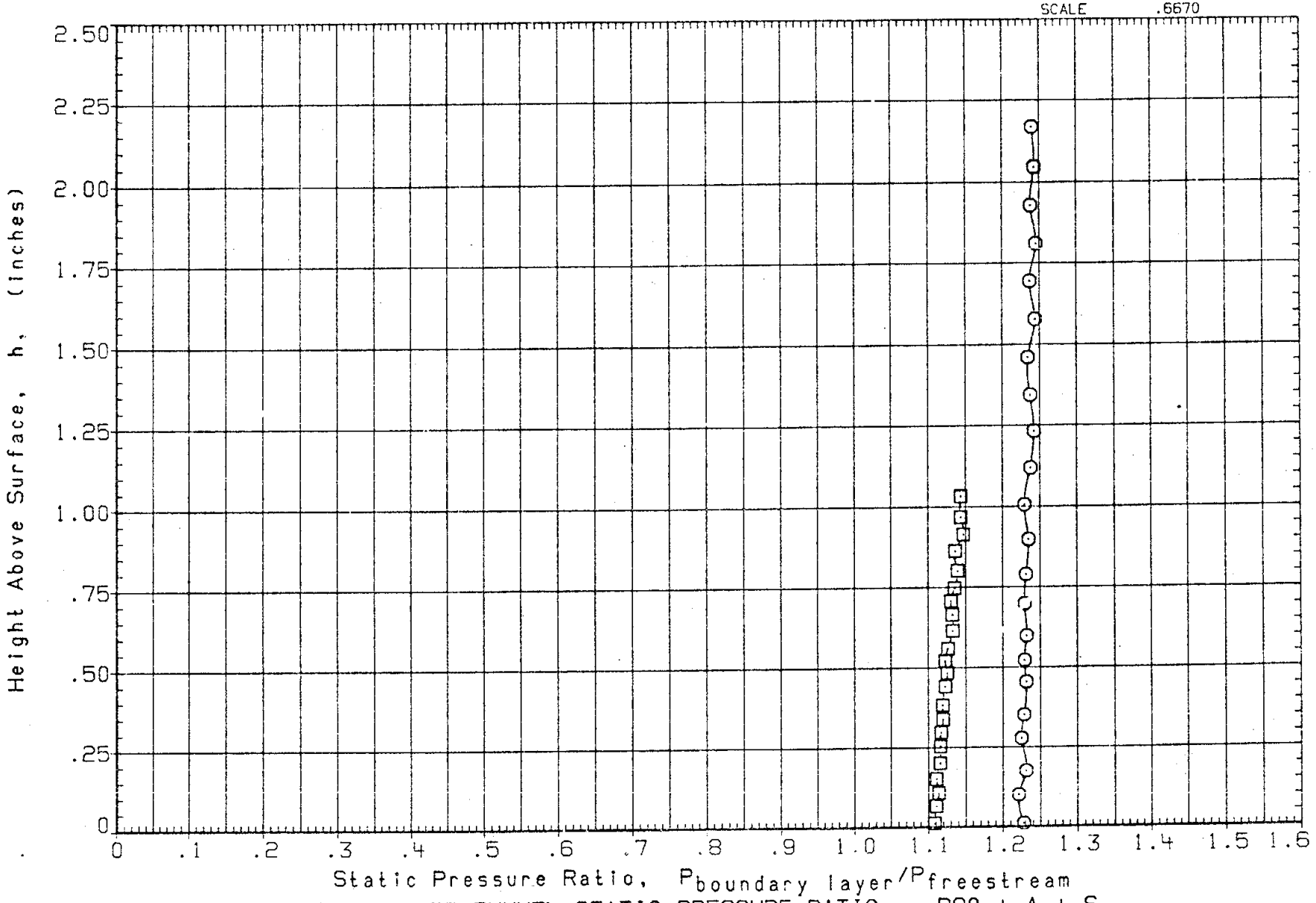


FIG. 111 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A + S

(B) MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL38 | ○ | OA252 (ARC 382-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 382-1-22) P90 + A + S | 1.388 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

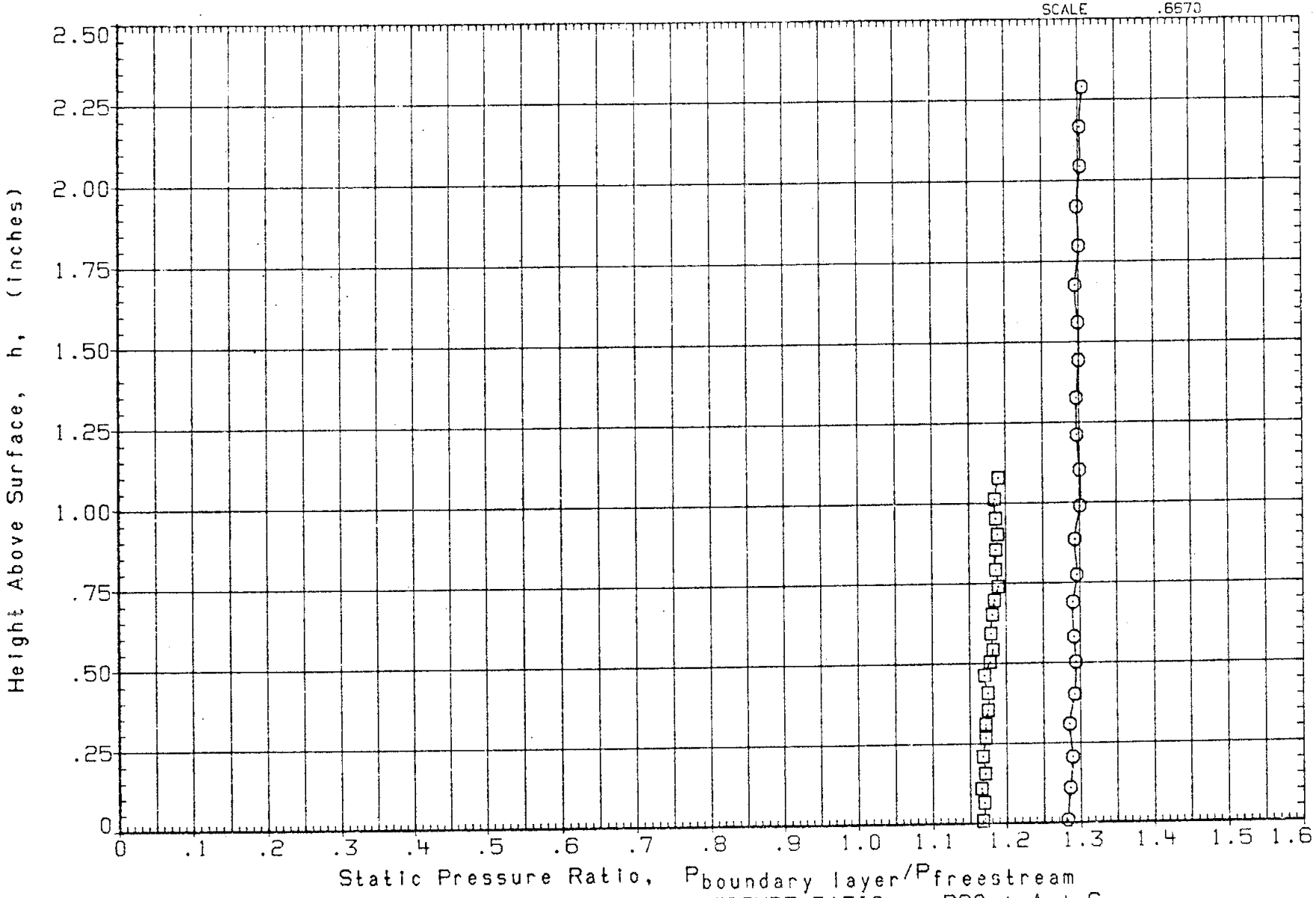


FIG. 111 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A + S

(C)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL38 | ○ | OA252 (ARC 382-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 382-1-22) P90 + A + S | 1.388 | 90.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

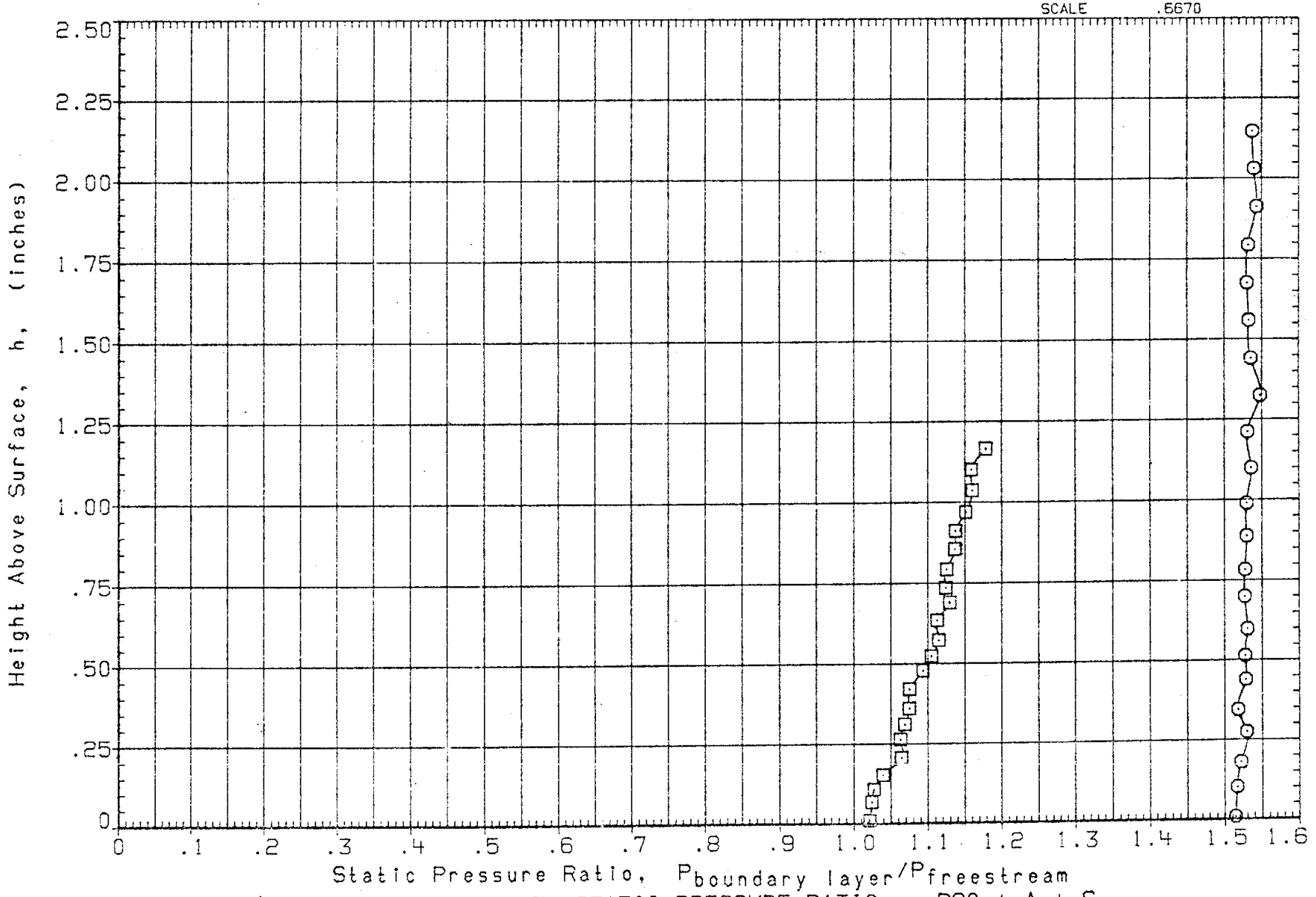


FIG. 111 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A + S

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL38 | ○ | OA252 (ARC 382-1-22) P90 + A + S | .001 | 90.000 |
| A3TL41 | □ | OA252 (ARC 322-1-22) P90 + A + S | 1.398 | 90.000 |

| REFERENCE INFORMATION | | |
|---|---|---|
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| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6570 | |

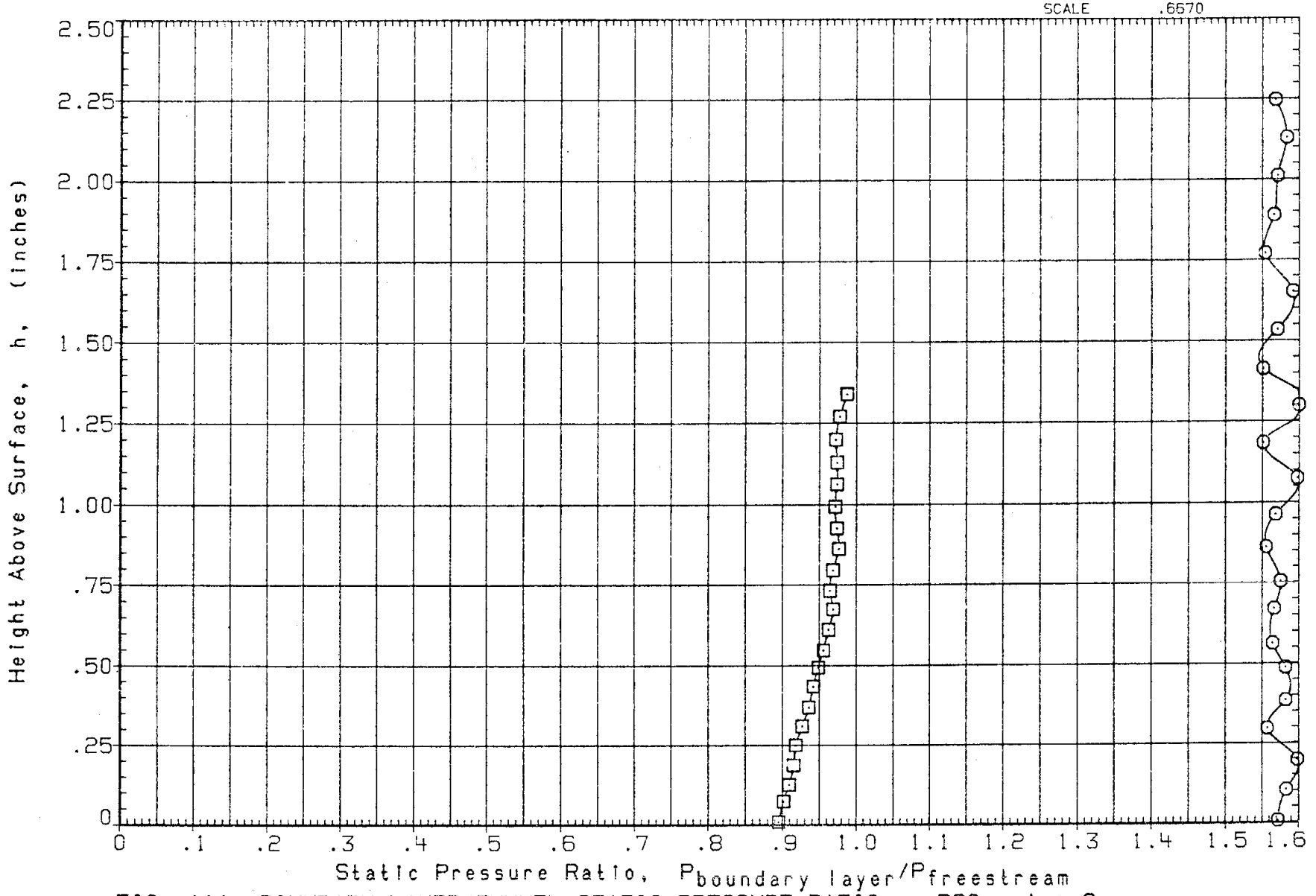


FIG. 111 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90 + A + S

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) | P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

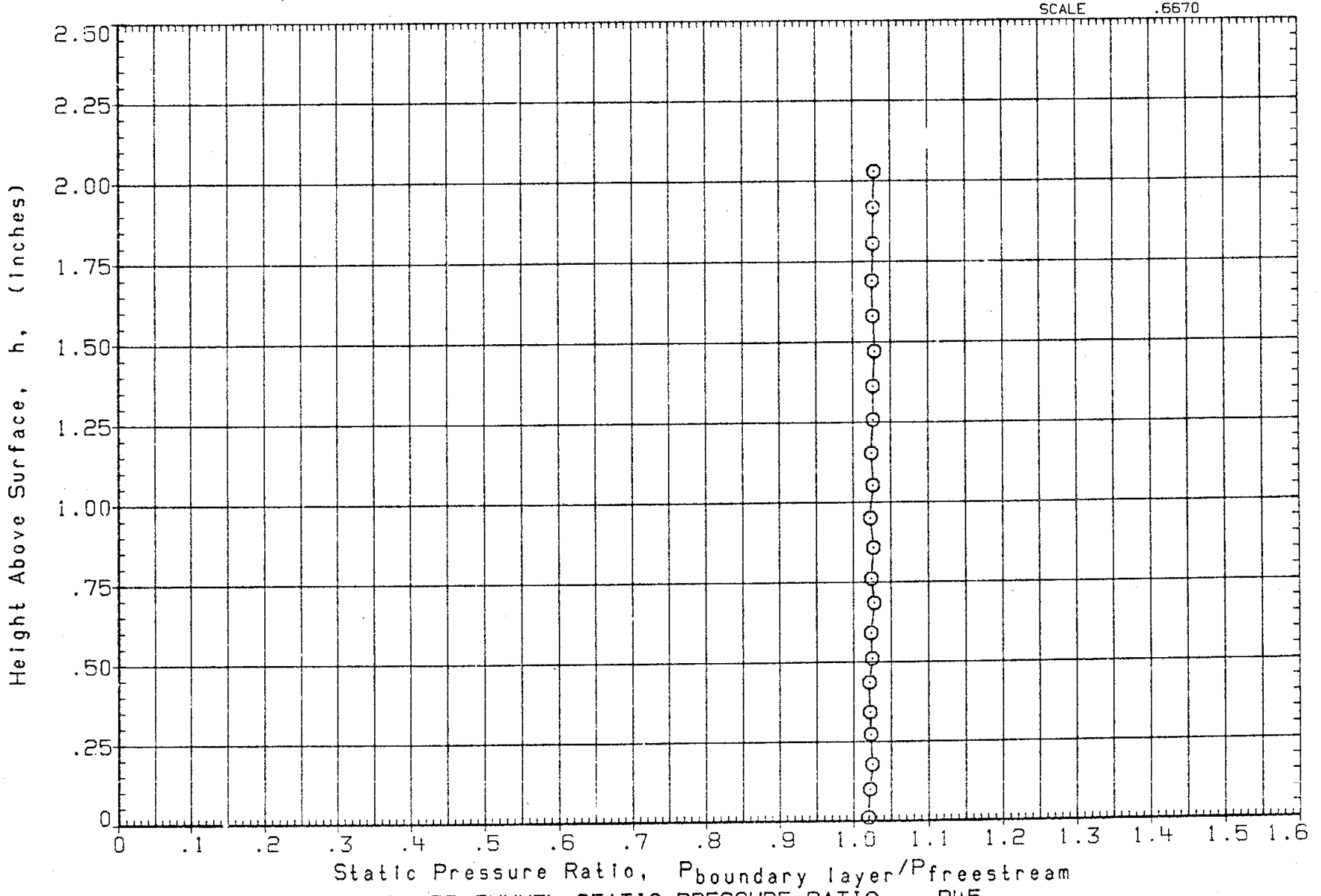


FIG. 112 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45

(A)MACH = .60 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) | P45 | .003 | 45.000 |
| A31L52 | □ | DATA NOT AVAILABLE | | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
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| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

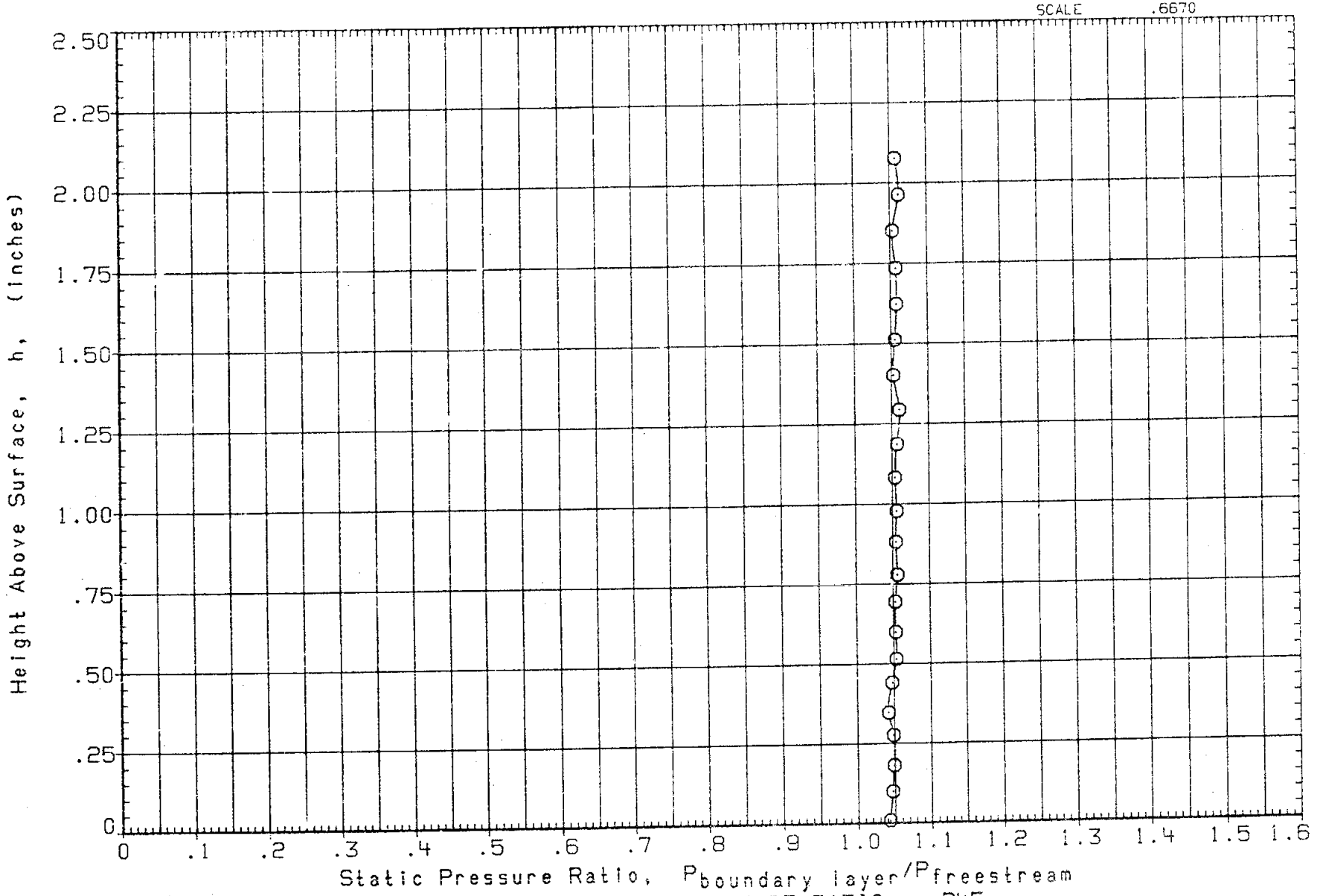


FIG. 112 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45

(B)MACH = .80 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

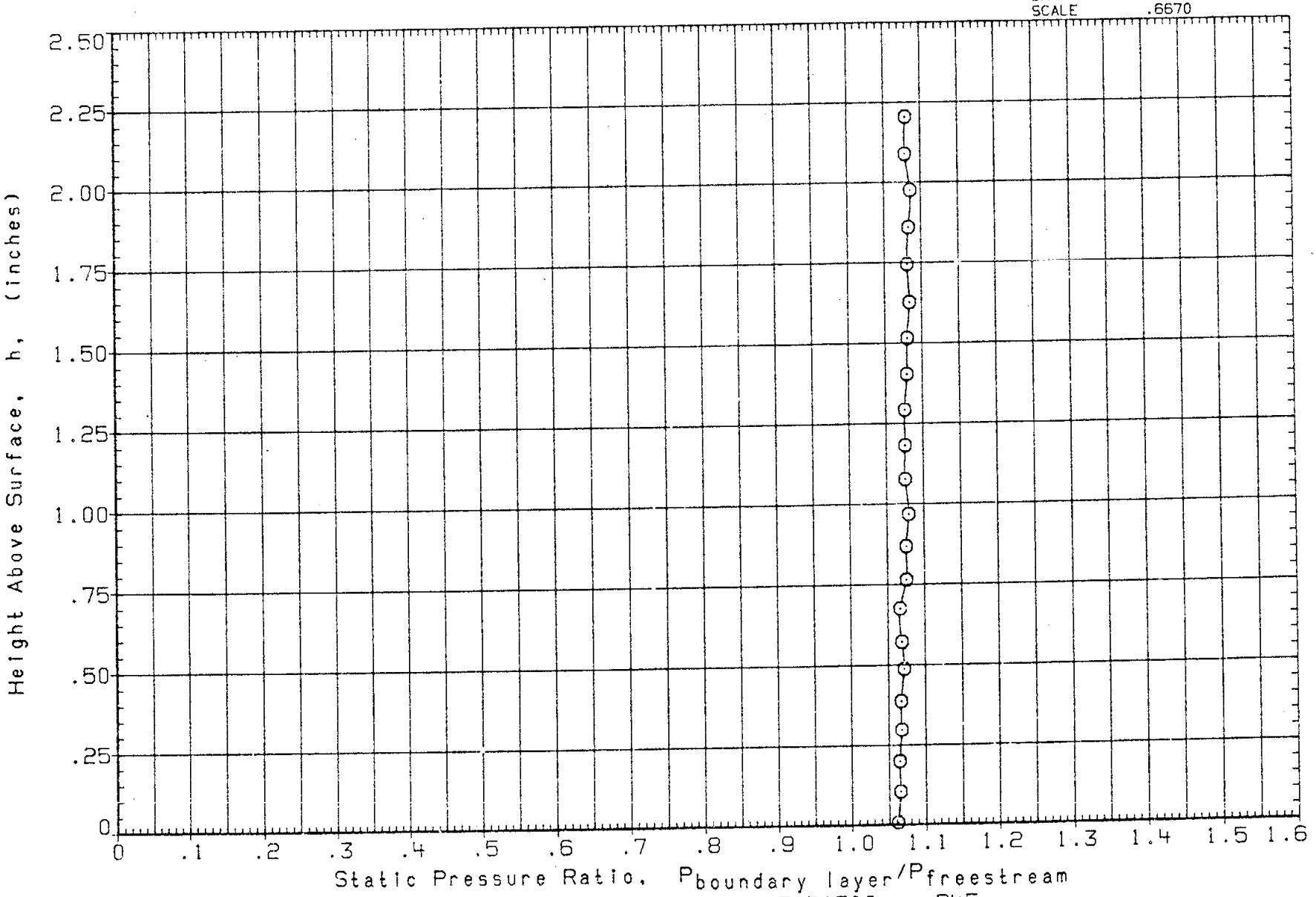


FIG. 112 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45

(C)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) | P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

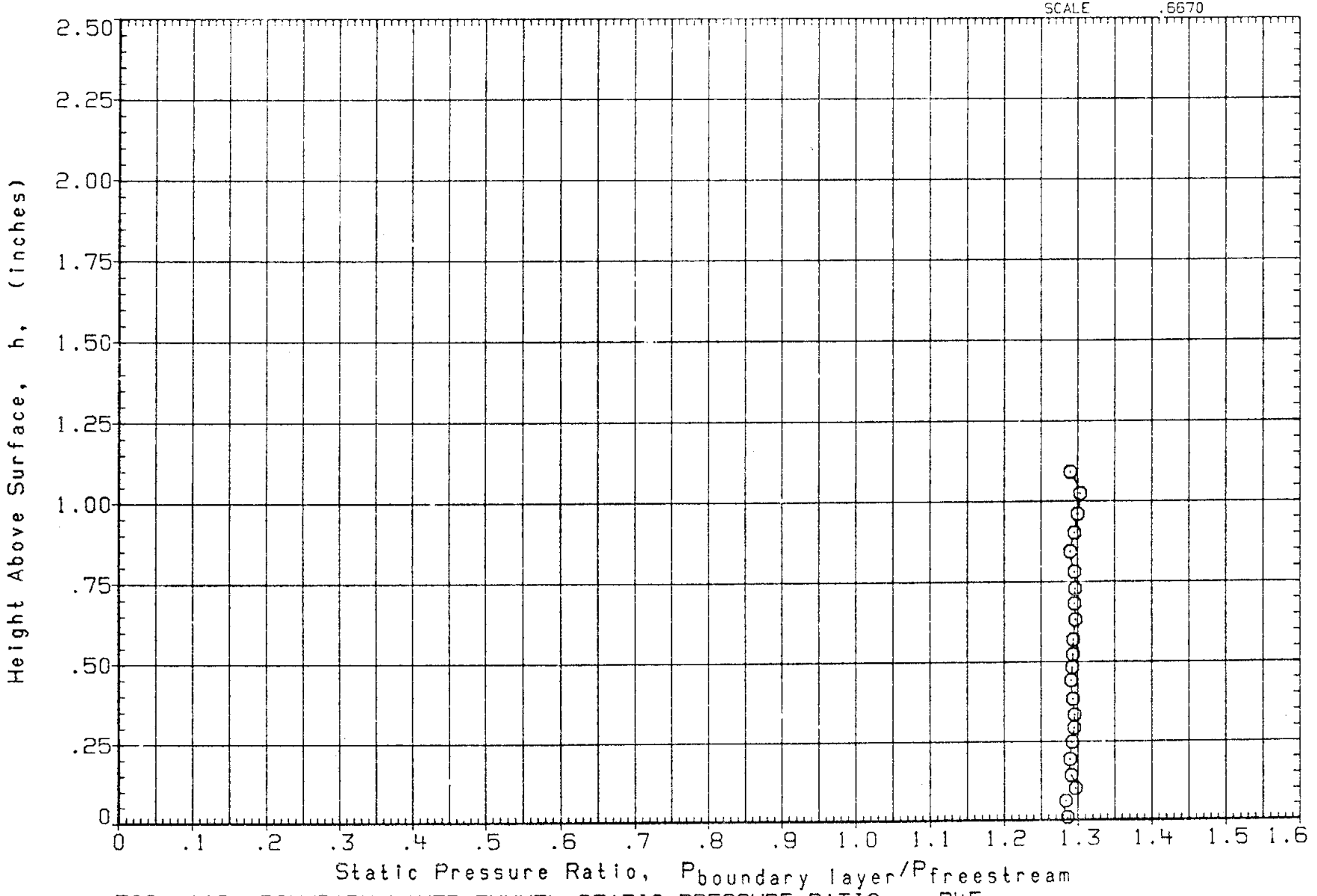


FIG. 112 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45

(D)MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) | P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

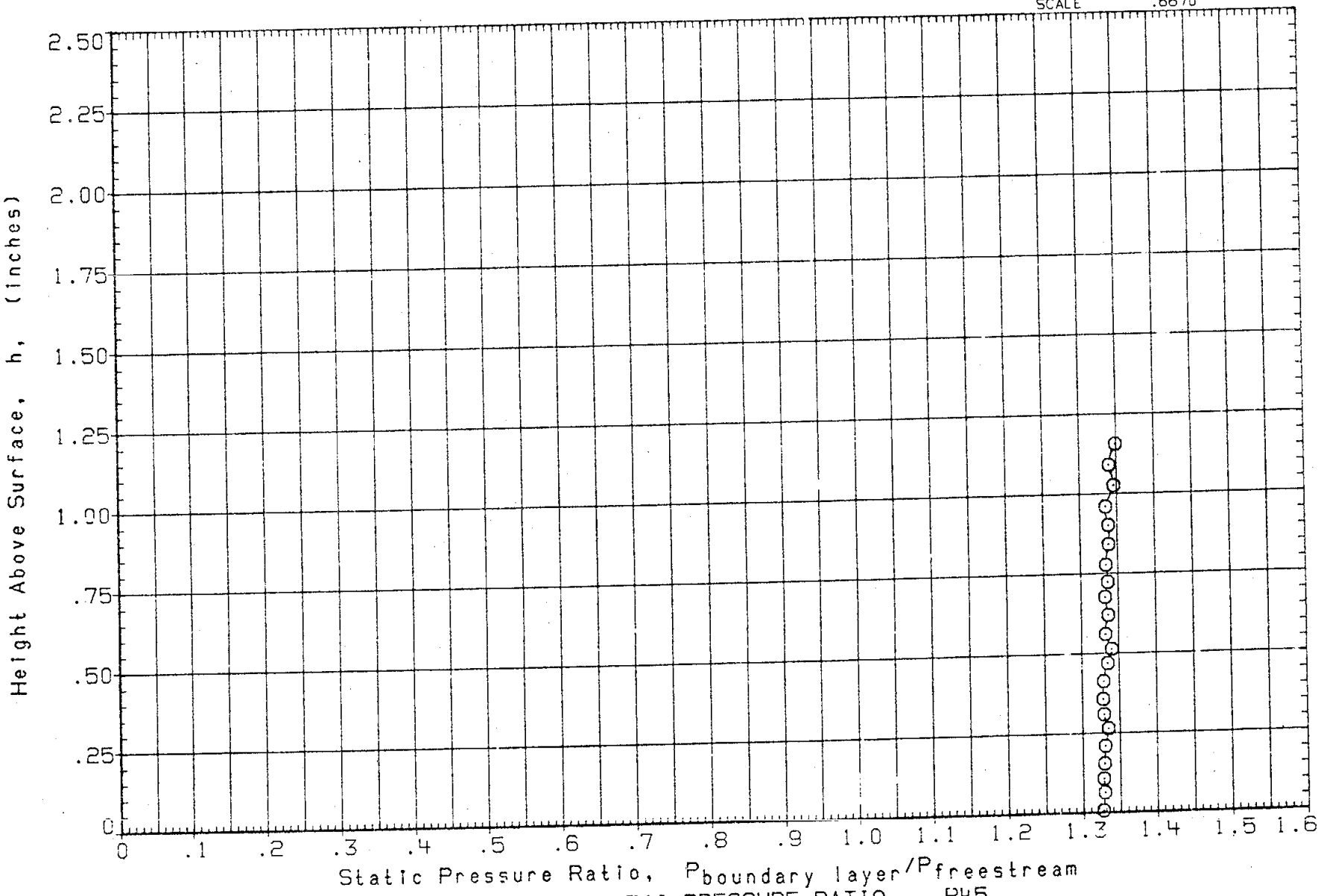


FIG. 112 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45

(E)MACH = 1.10

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) | P45 | .003 | 45.000 |
| A3TL52 | □ | OA252 (ARC 382-1-22) | P45 | .002 | 45.000 |

| REFERENCE INFORMATION | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

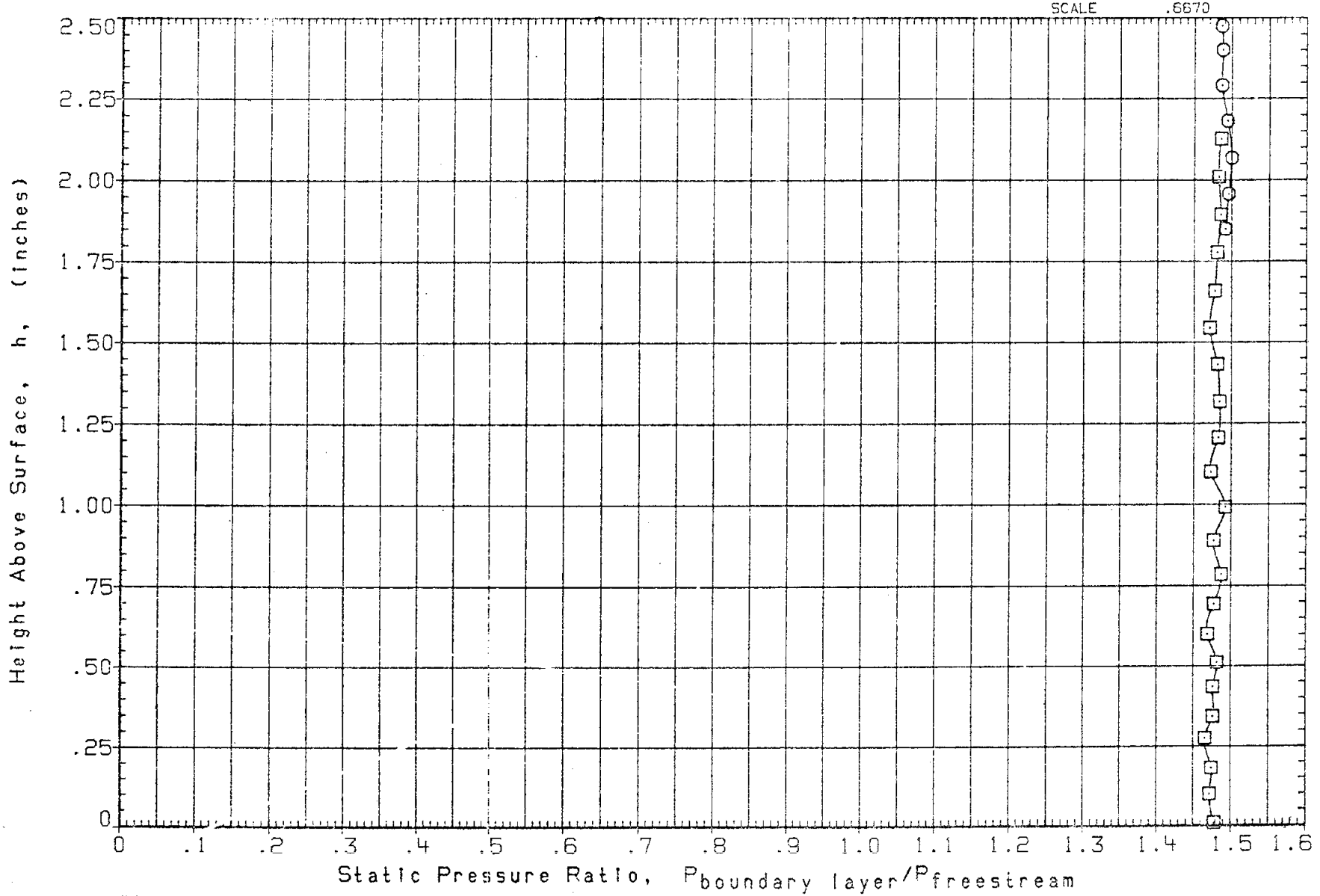


FIG. 112 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45

(F) MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL51 | ○ | OA252 (ARC 382-1-22) P45 | .003 | 45.000 |
| A3TL52 | □ | DATA NOT AVAILABLE | .002 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

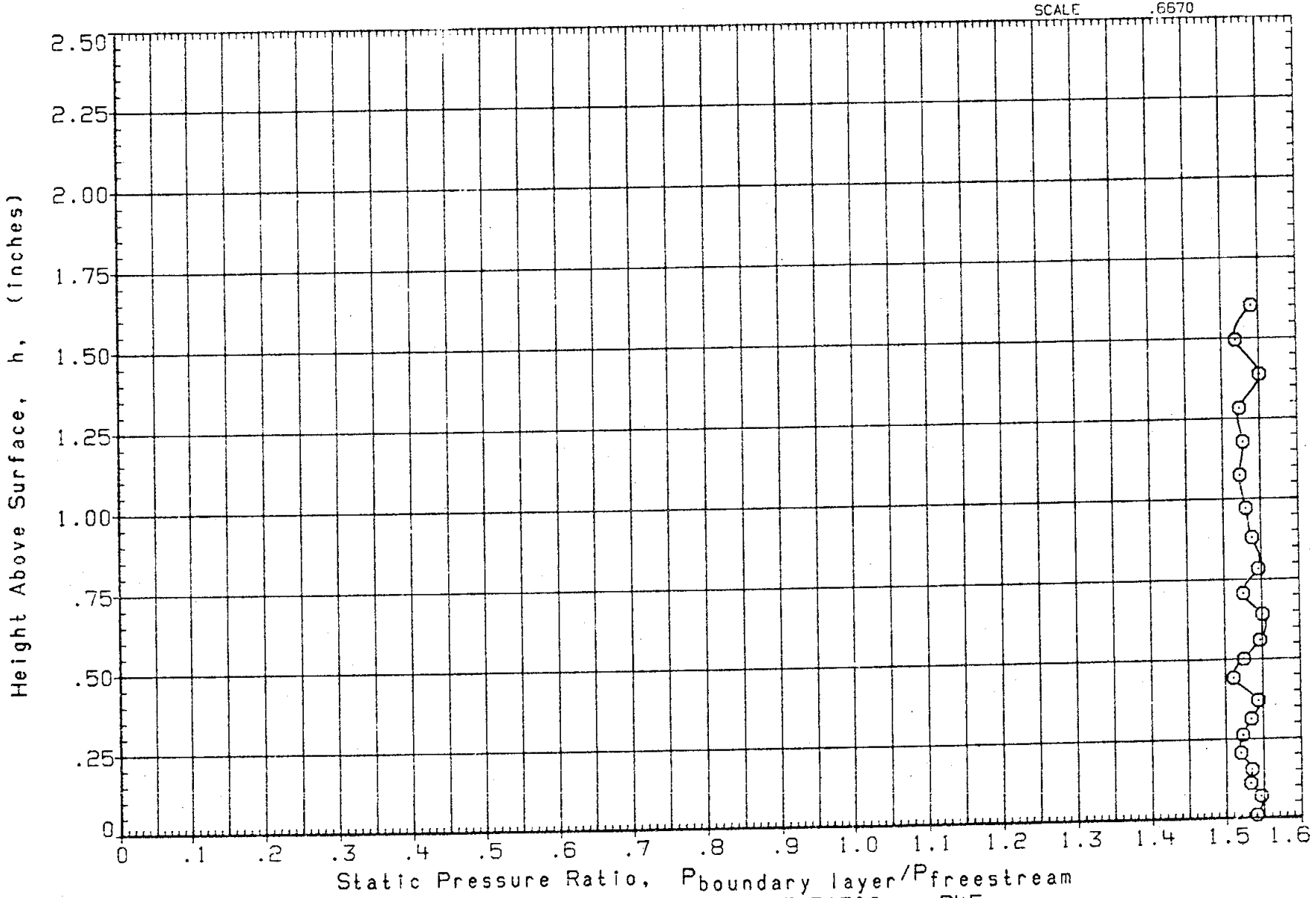


FIG. 112 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45

(G)MACH = 1.40 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

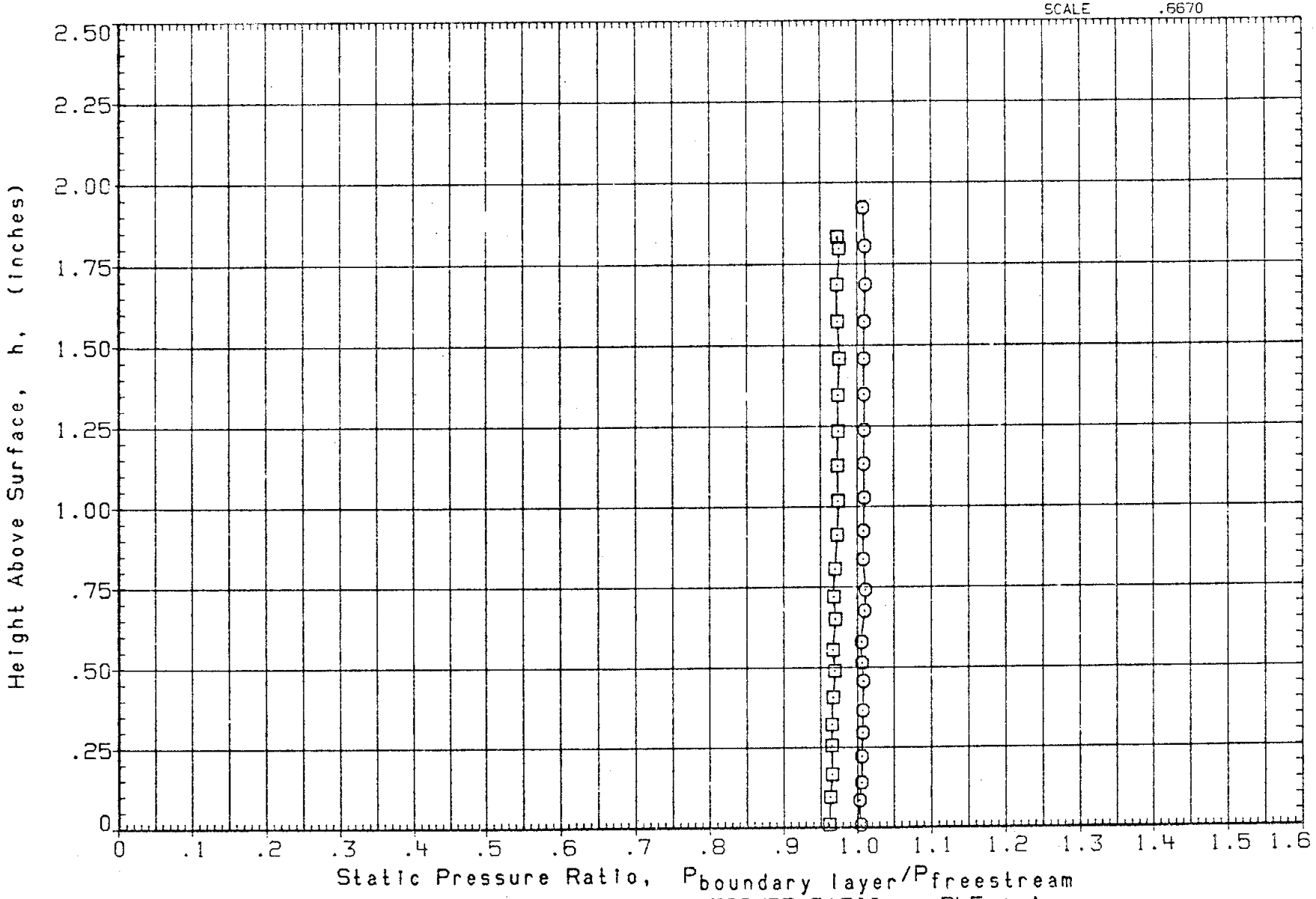


FIG. 113 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A

(A) MACH = .60 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) | P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) | P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

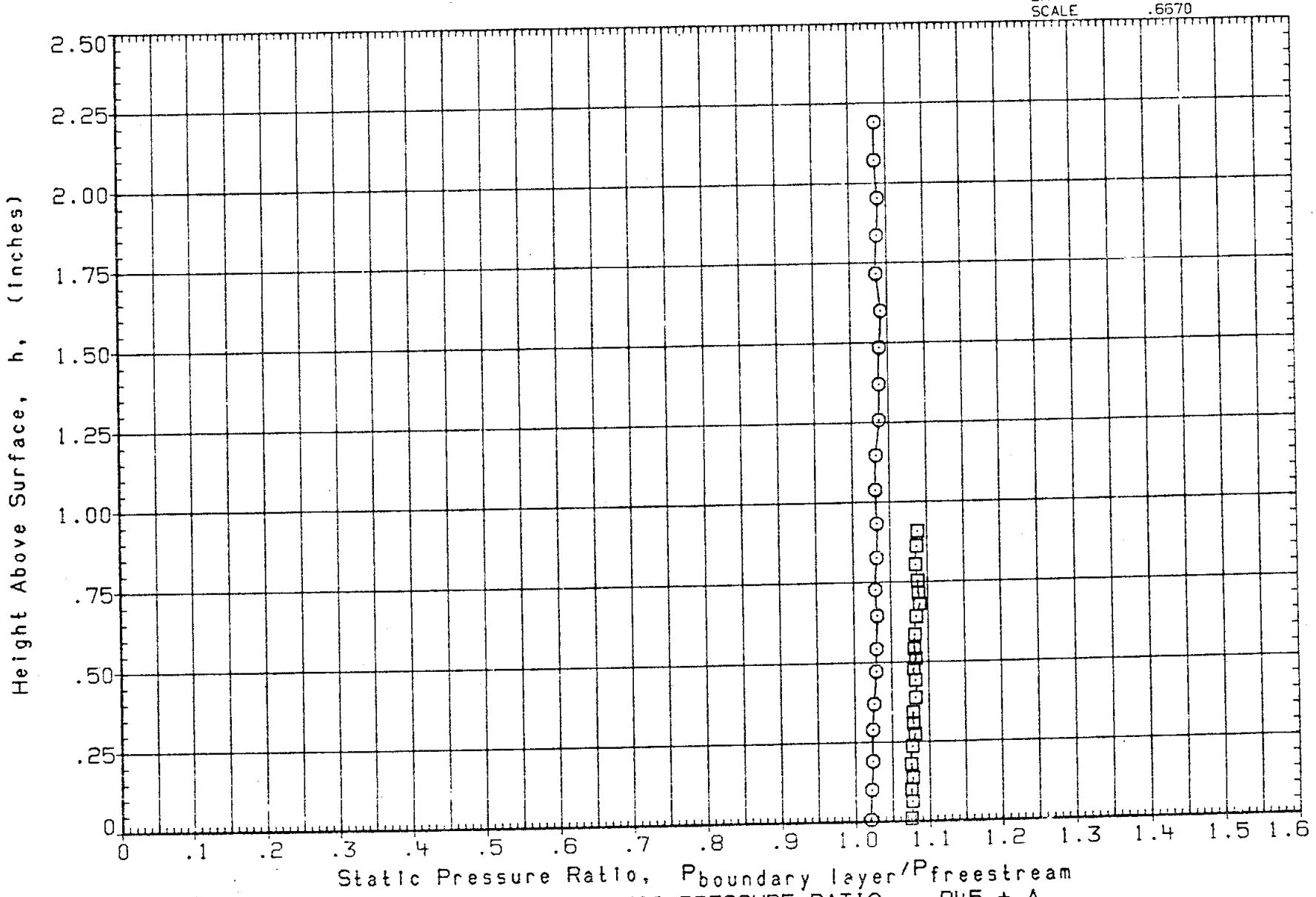


FIG. 113 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A

(B)MACH = .80

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

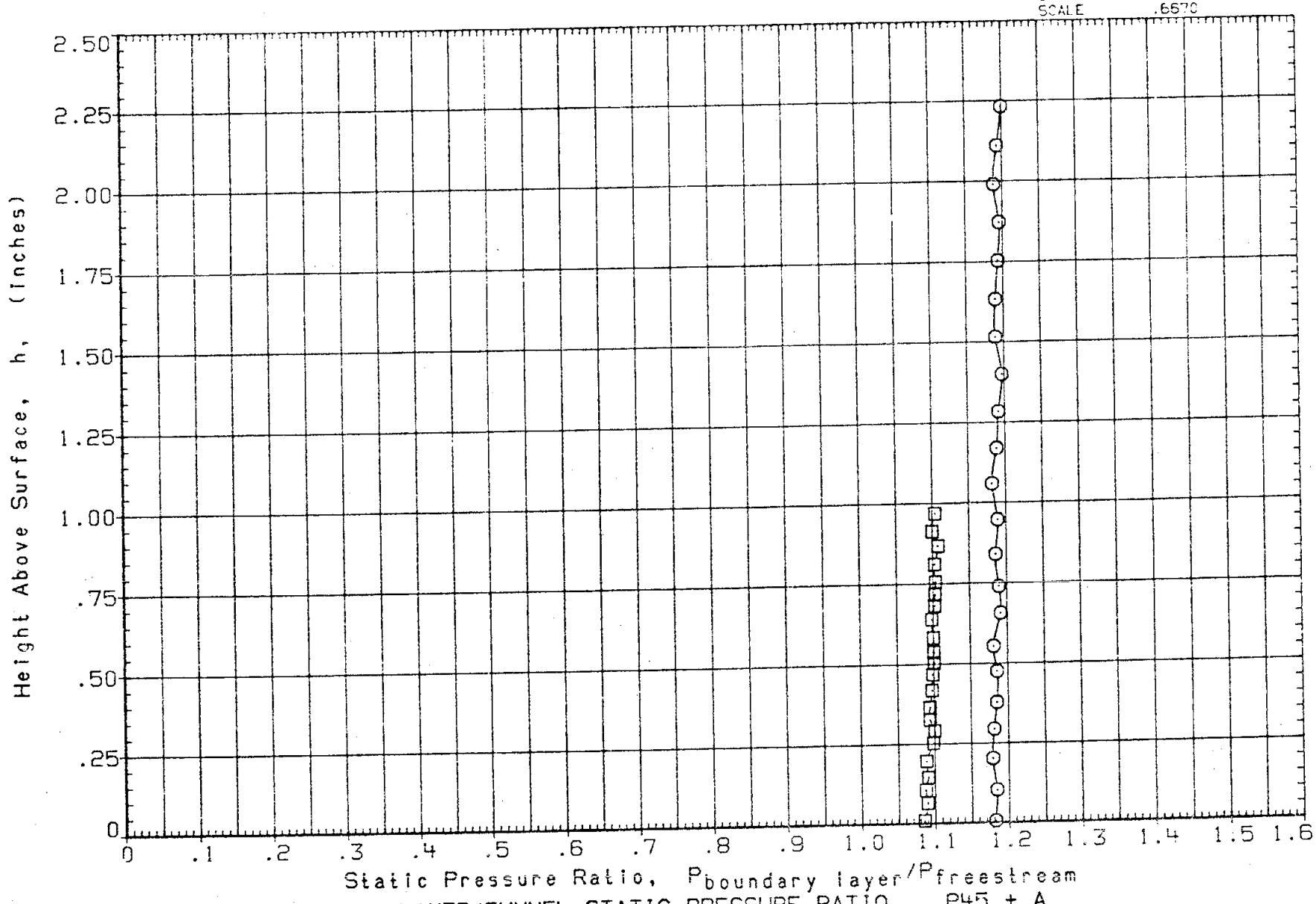


FIG. 113 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A

(C)MACH = .30 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6570 | |

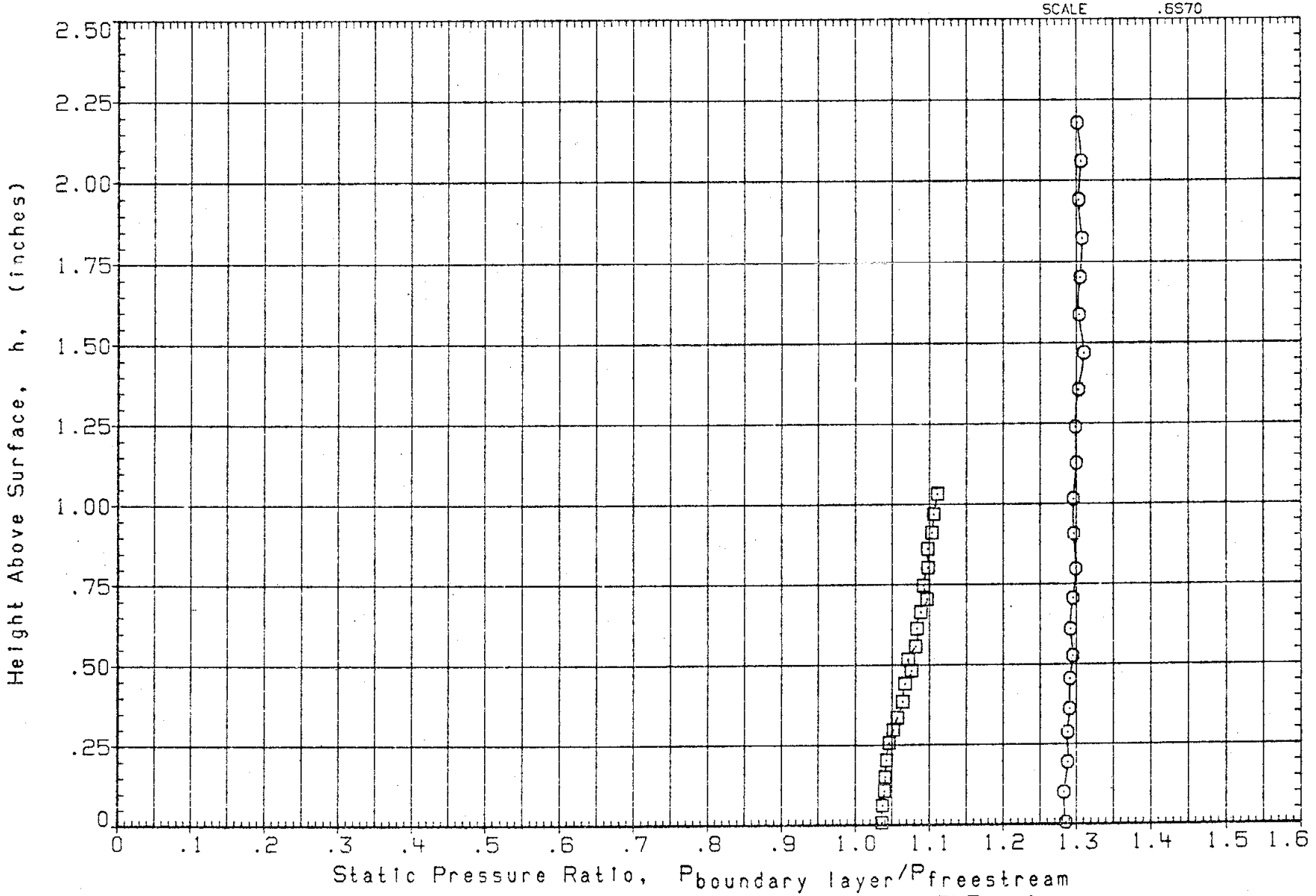


FIG. 113 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A

(D)MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | | HWALL | PANEL |
|---|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) | P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) | P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

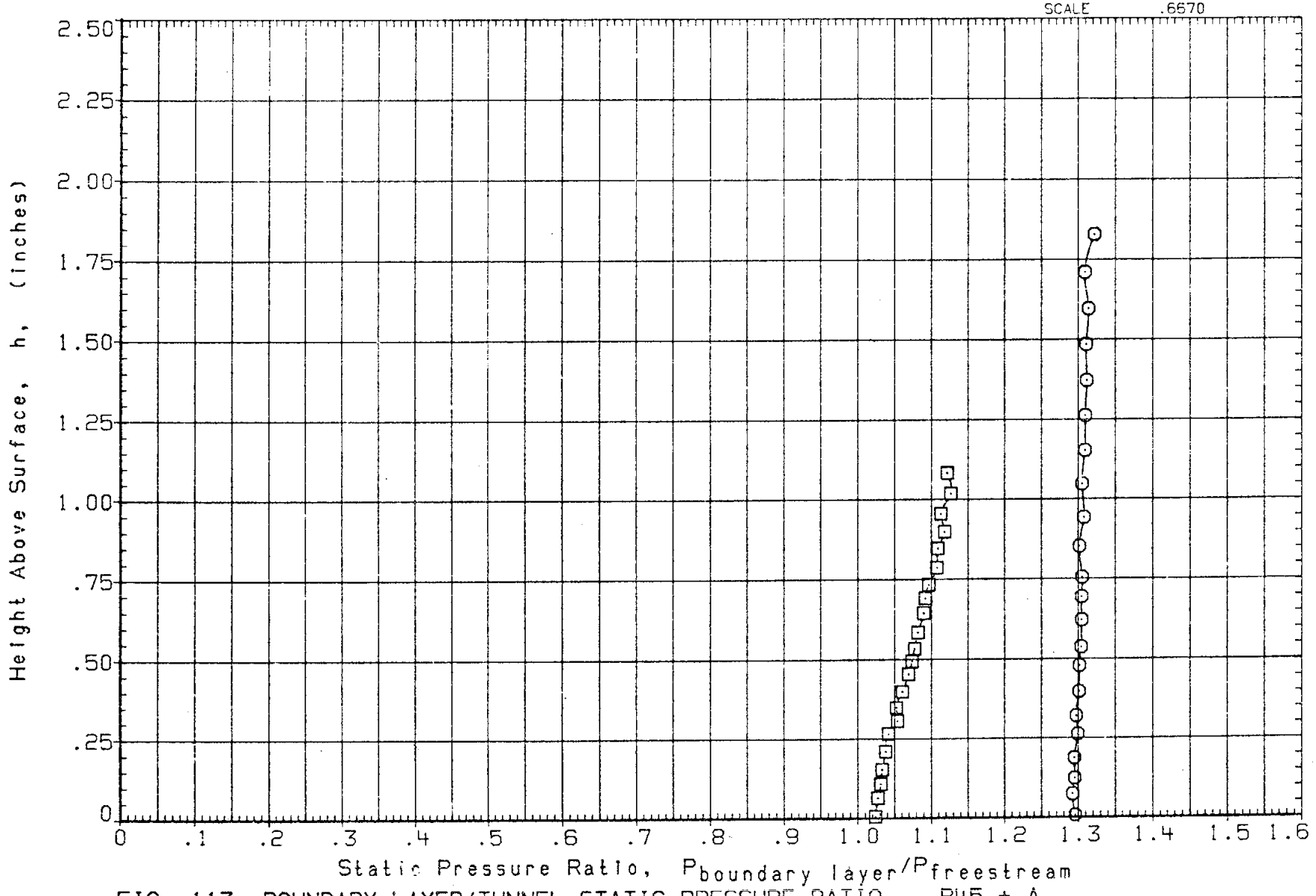


FIG. 113 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A

(E)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A3TL51 | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
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| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6570 | |

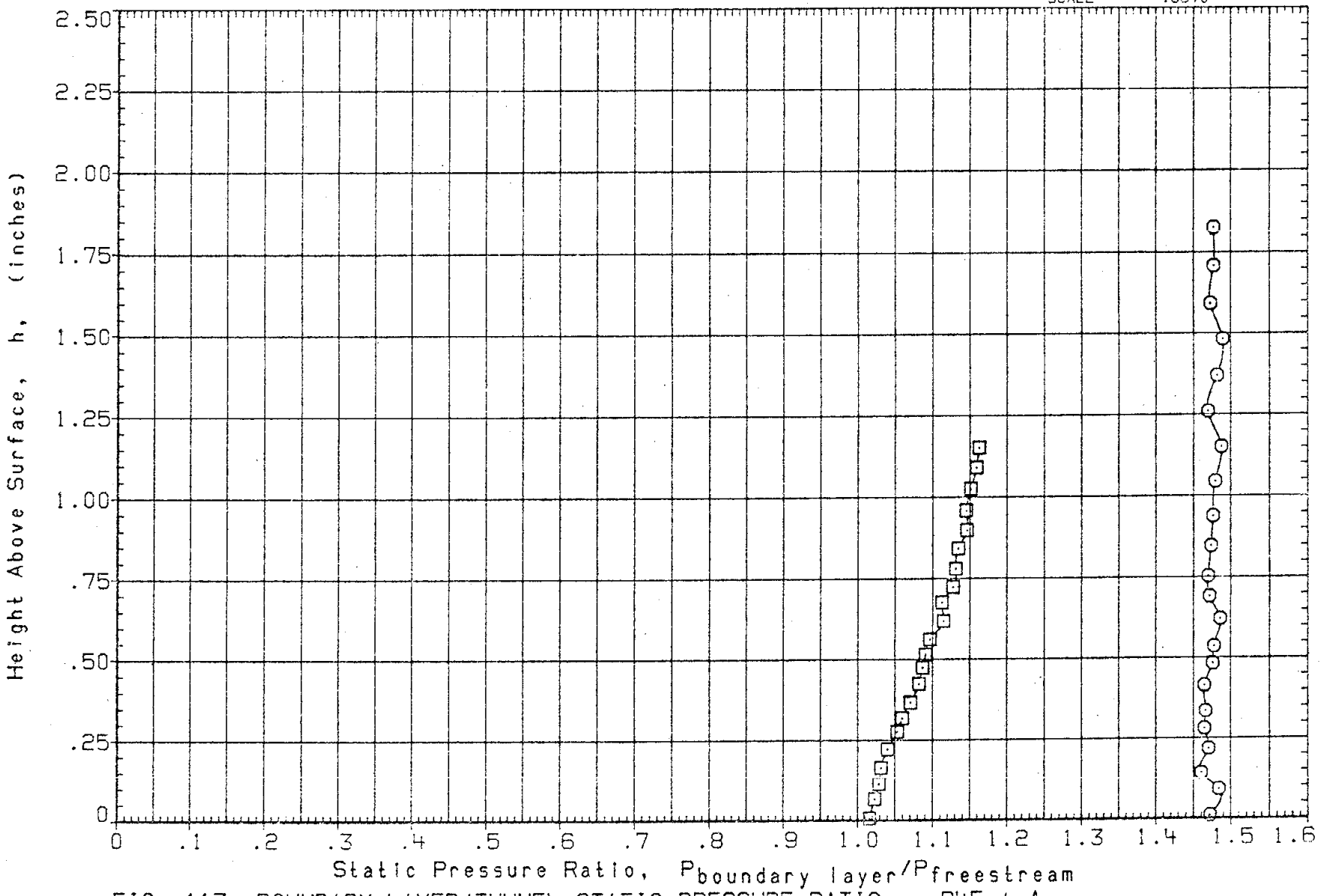


FIG. 113 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL57 | ○ | OA252 (ARC 382-1-22) P45 + A | -.001 | 45.000 |
| A3TL61 | □ | OA252 (ARC 382-1-22) P45 + A | 1.376 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

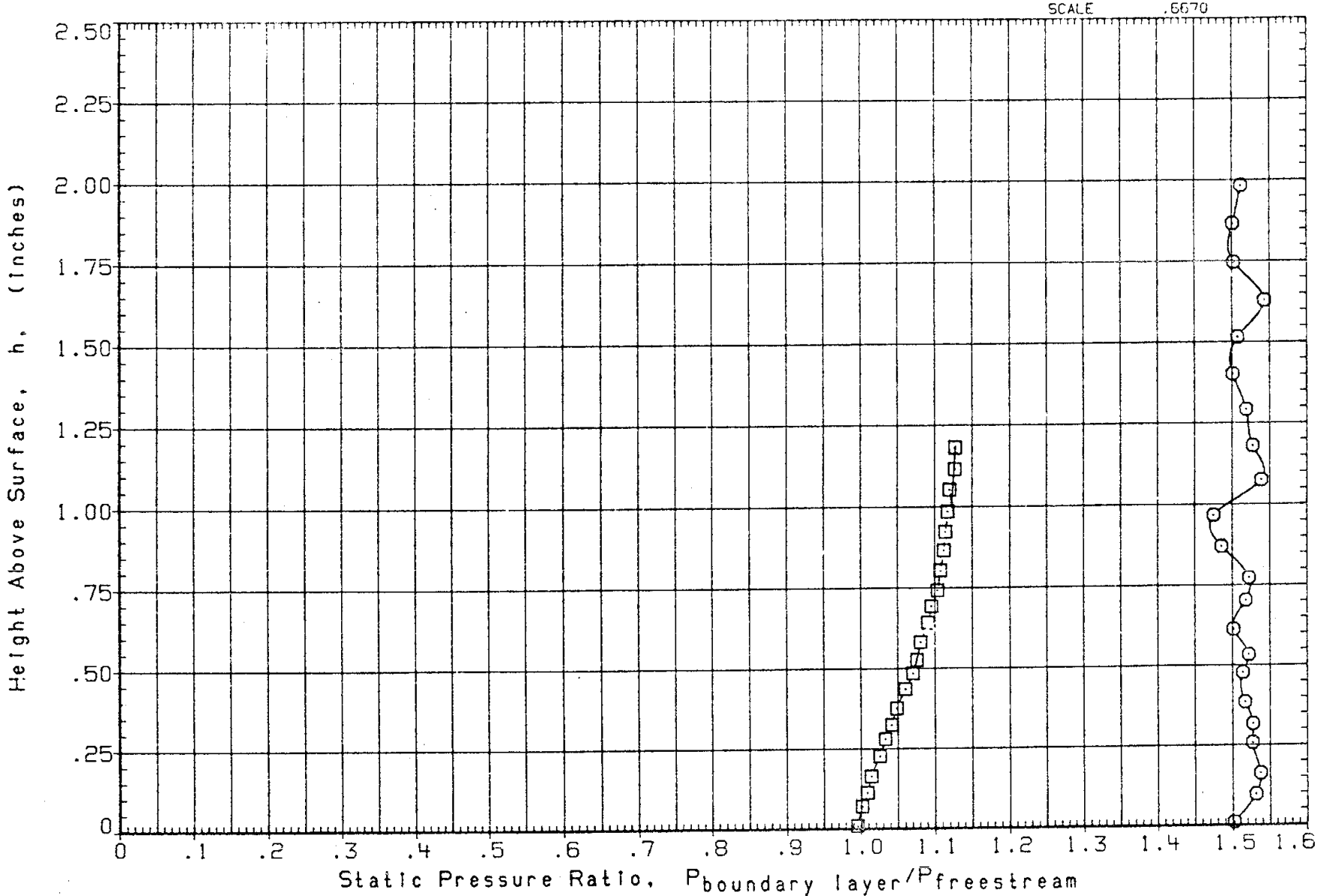


FIG. 113 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A

(G)MACH = 1.40 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | |
|---|---|---|---|
| A3TL69 | ○ | OA252 (ARC 382-1-22) | P45 + S |
| A3TL75 | □ | OA252 (ARC 382-1-22) | P45 + S |

| HWALL | PANEL |
|---|---|
| .002 | 45.000 |
| 1.383 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

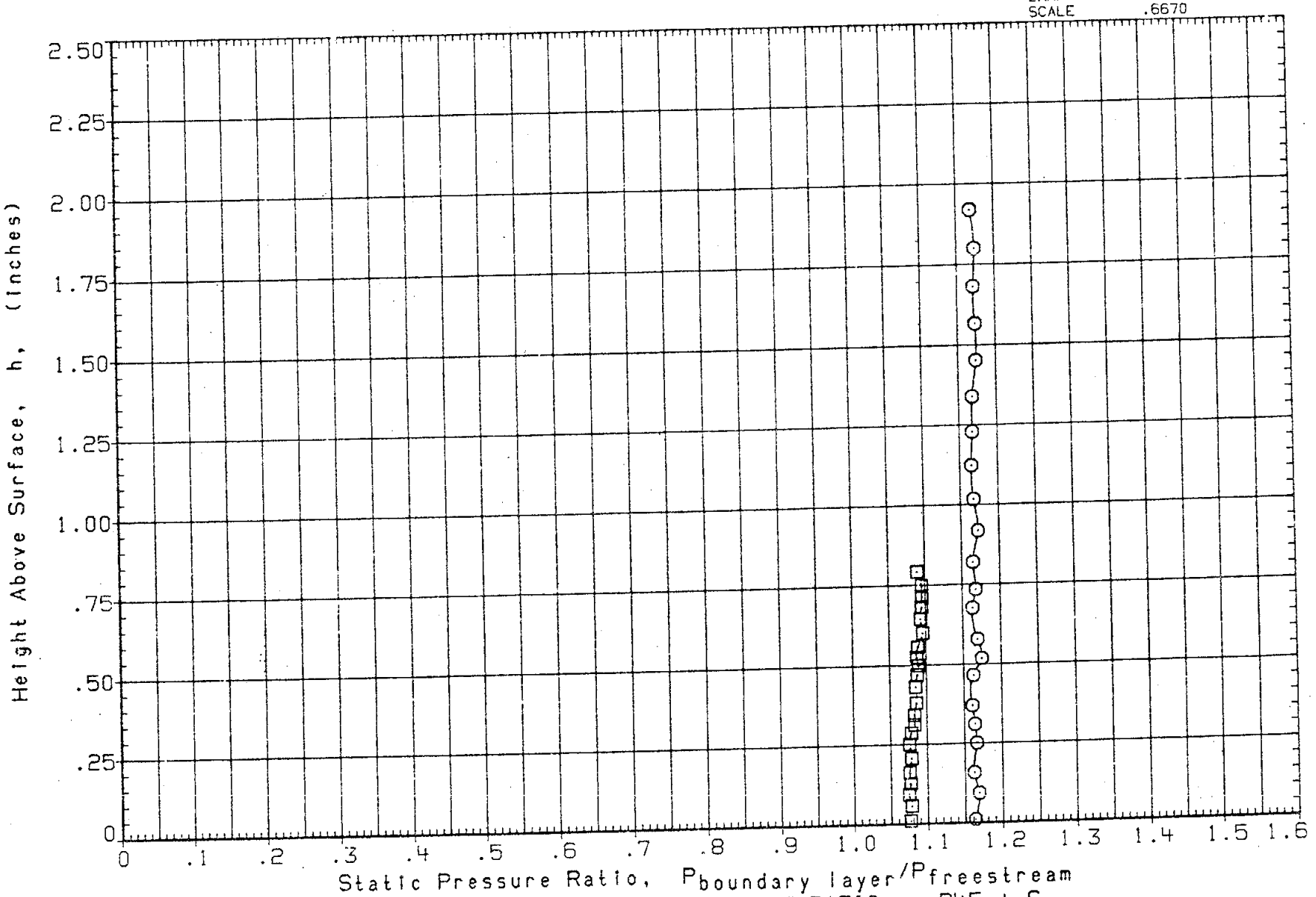


FIG. 114 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + S

(A)MACH = .90

DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL69 | ○ | OA252 (ARC 382-1-22) P45 + S | .002 | 45.000 |
| A3TL75 | □ | OA252 (ARC 382-1-22) P45 + S | 1.383 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

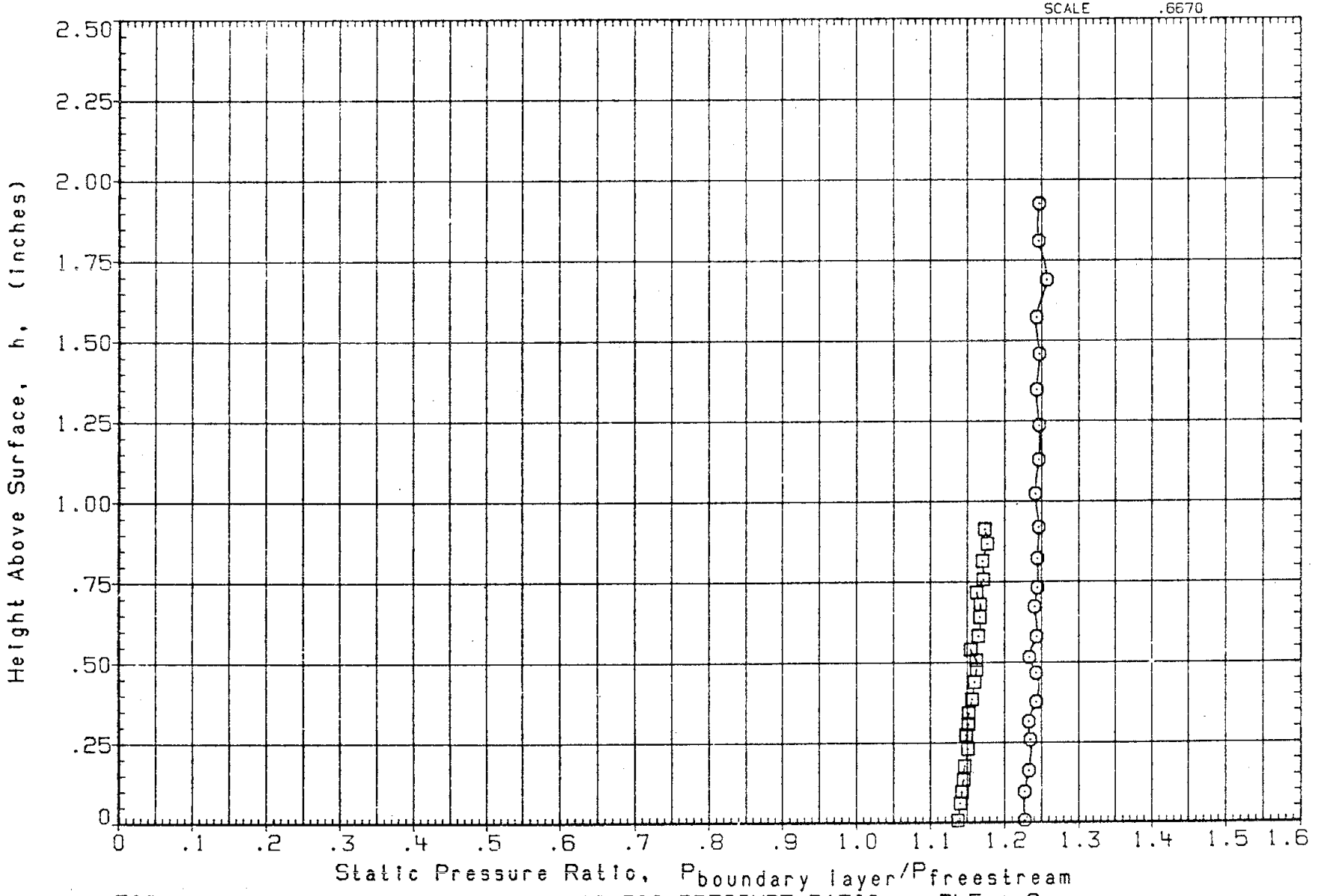


FIG. 114 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + S

(B) MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL69 | ○ | OA252 (ARC 382-1-22) P45 + S | .002 | 45.000 |
| A3TL75 | □ | OA252 (ARC 382-1-22) P45 + S | 1.383 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

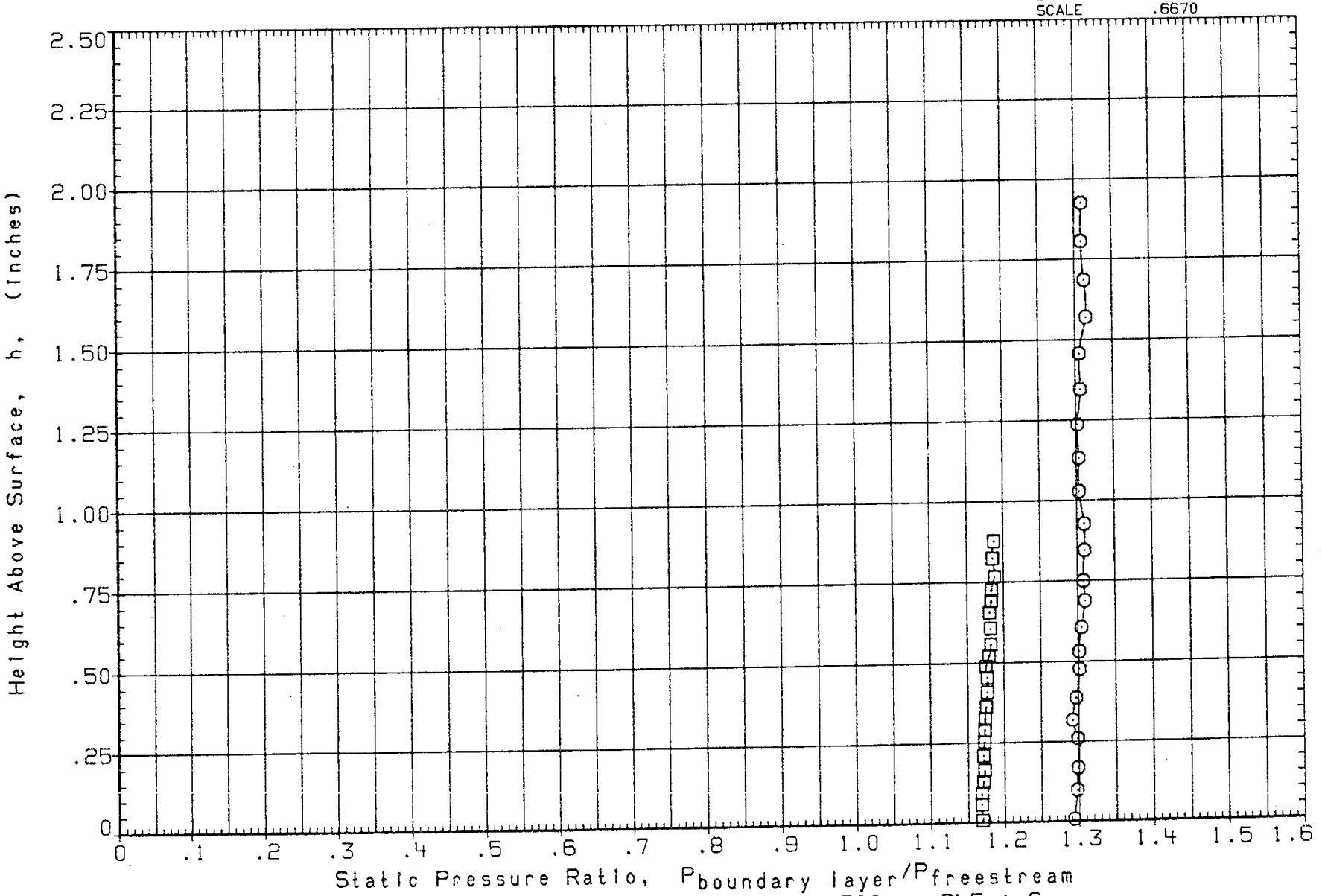


FIG. 114 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + S

(C)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL69 | ○ | OA252 (ARC 382-1-22) P45 - S | .002 | 45.000 |
| A3TL75 | □ | OA252 (ARC 382-1-22) P45 + S | 1.383 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

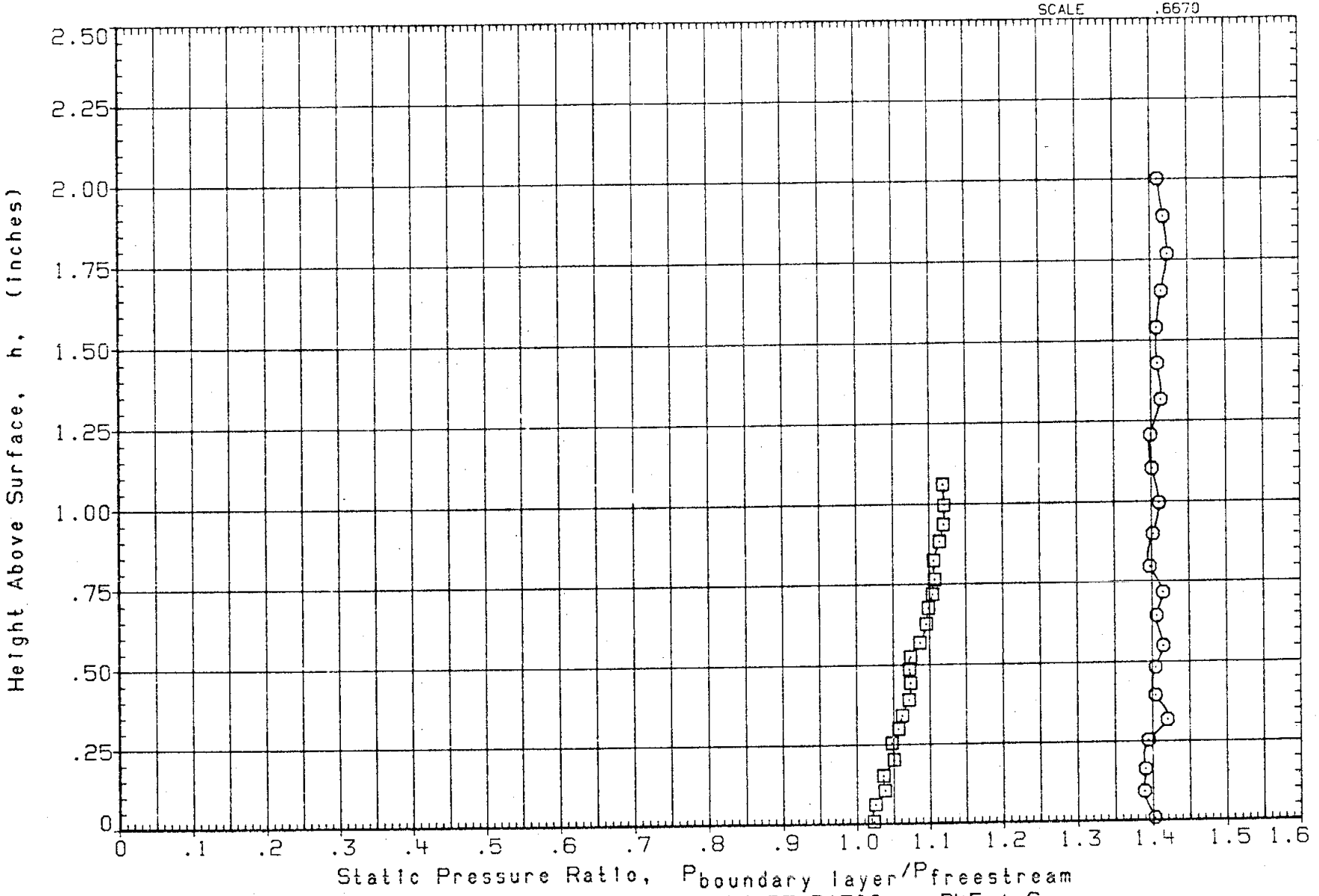


FIG. 114 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + S

(D)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL69 | ○ | OA252 (ARC 382-1-22) P45 + S | .002 | 45.000 |
| A3TL75 | □ | OA252 (ARC 382-1-22) P45 + S | 1.383 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

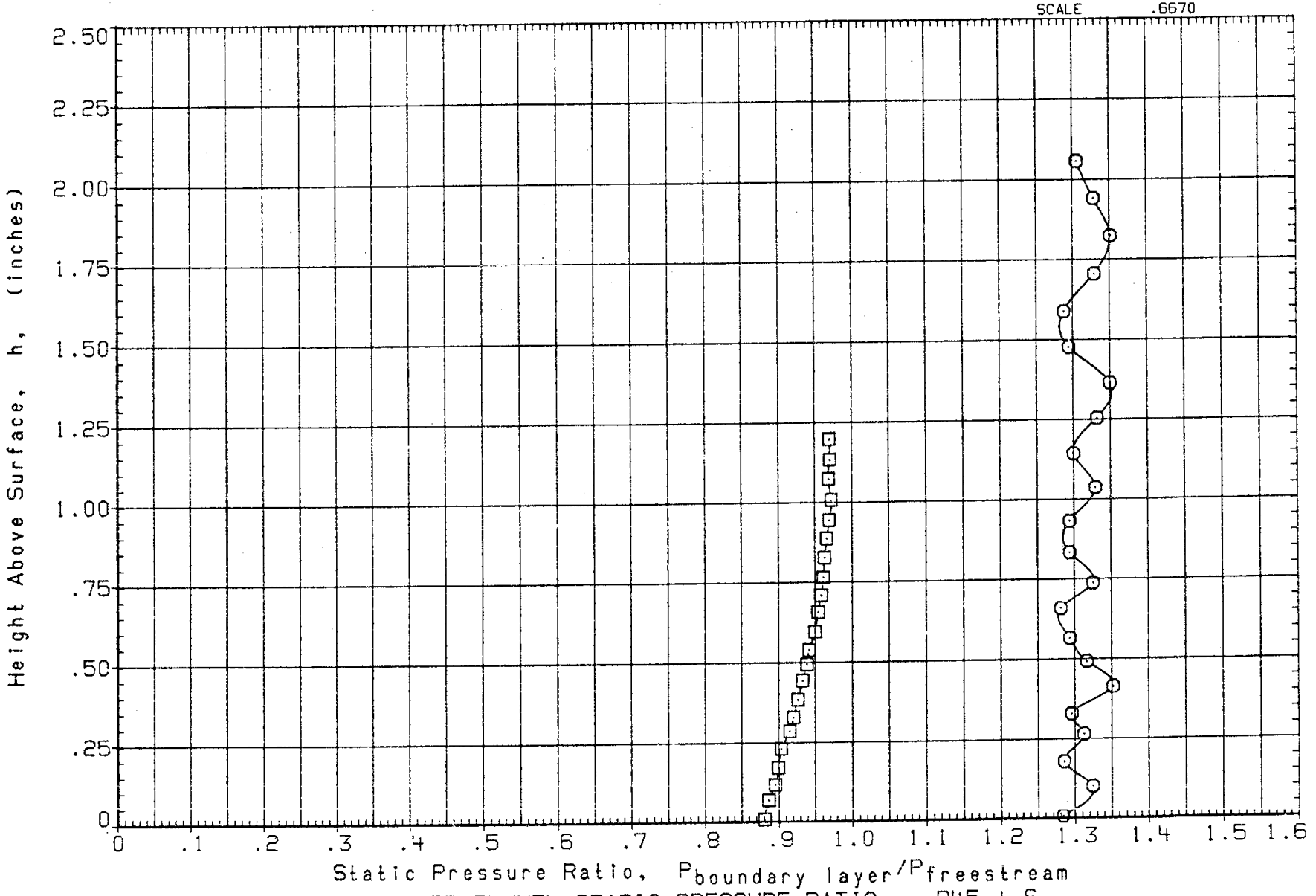


FIG. 114 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + S

(E)MACH = 1.40 DATE 09 JUN 80

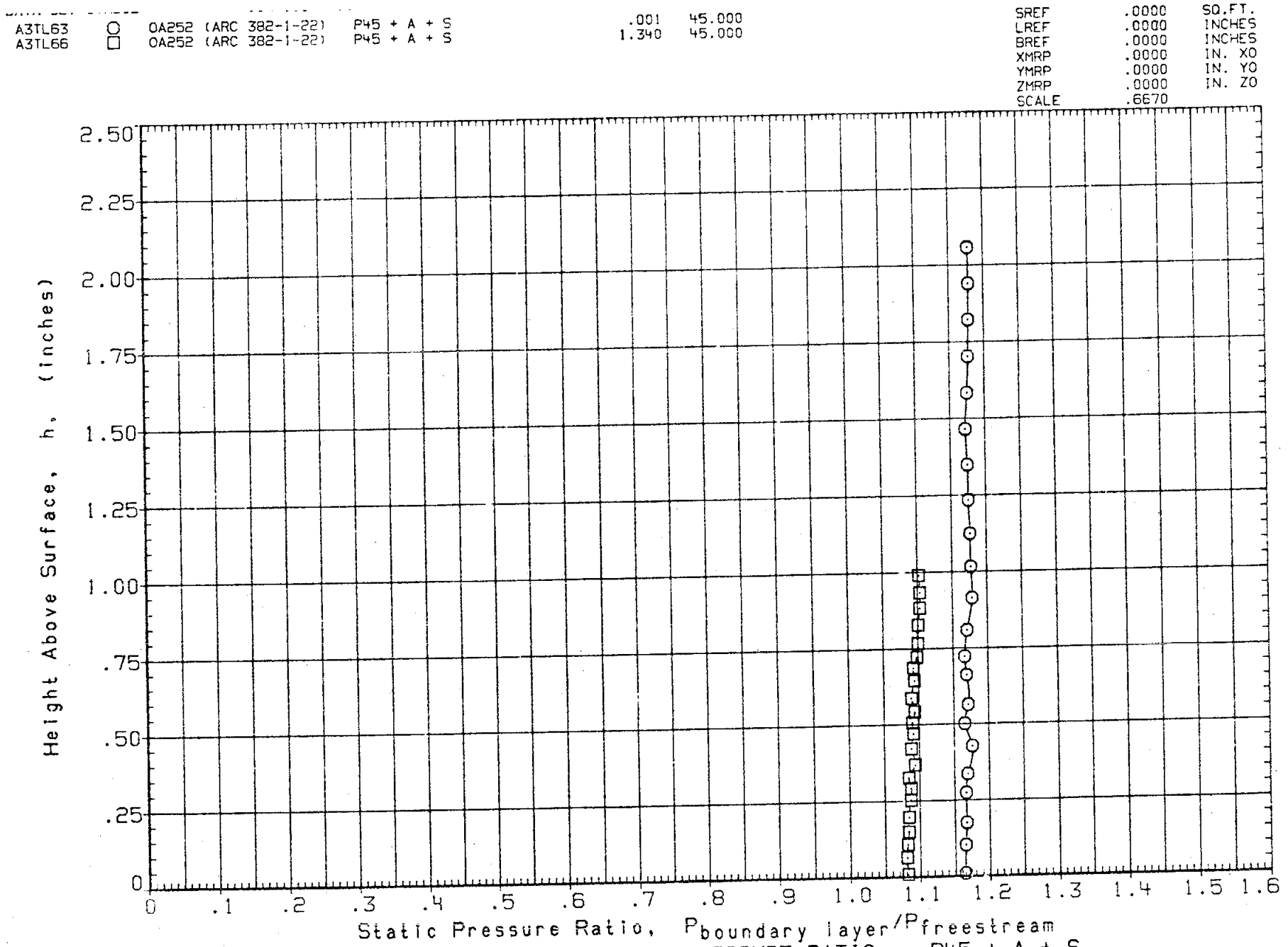


FIG. 115 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A + S

(A)MACH = .90 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL63 | ○ | OA252 (ARC 382-1-22) P45 + A + S | .001 | 45.000 |
| A3TL66 | □ | OA252 (ARC 362-1-22) P45 + A + S | 1.340 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

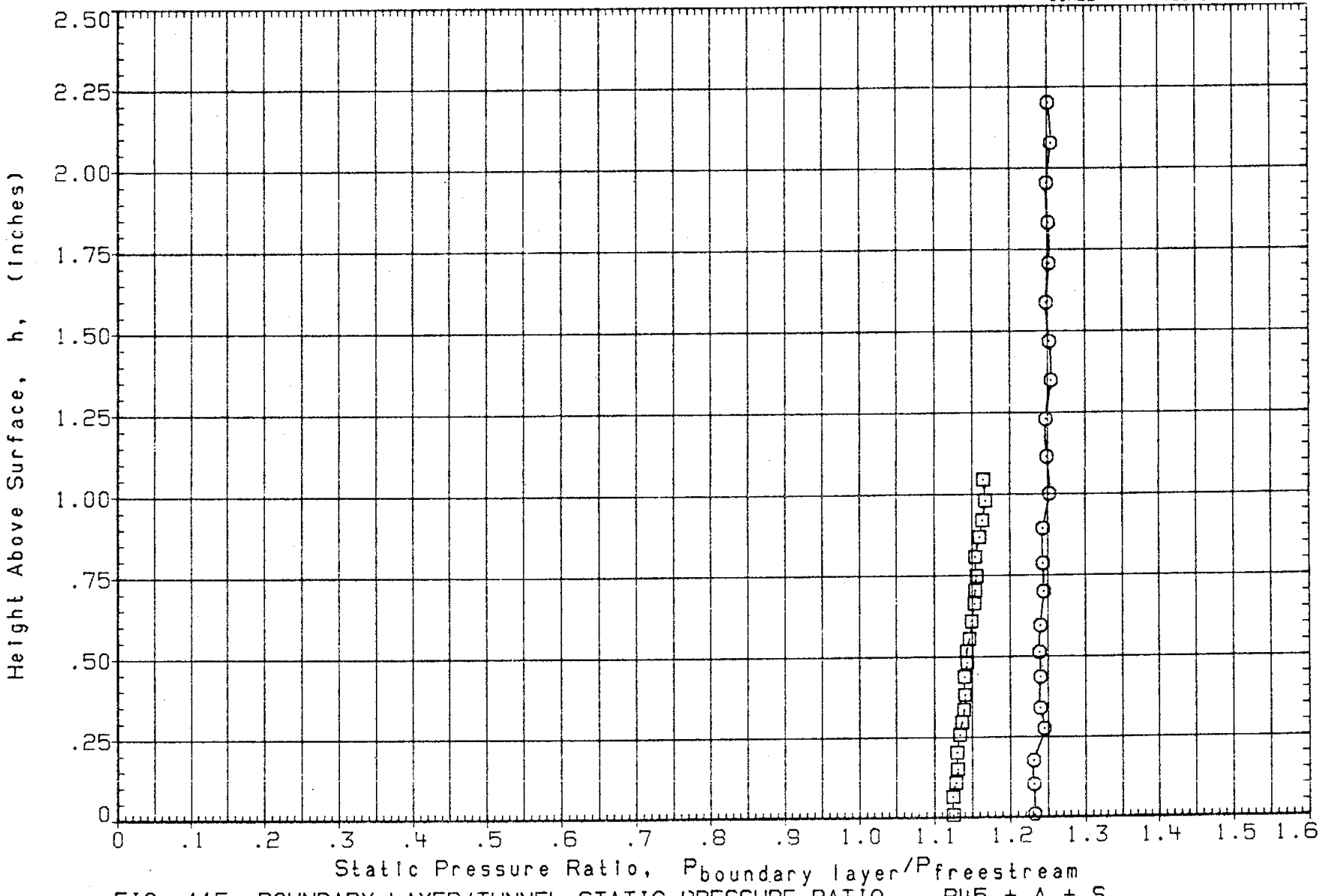


FIG. 115 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A + S

(B)MACH = 1.05 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL63 | ○ | OA252 (ARC 382-1-22) P45 + A + S | .001 | 45.000 |
| A3TL66 | □ | OA252 (ARC 382-1-22) P45 + A + S | 1.340 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

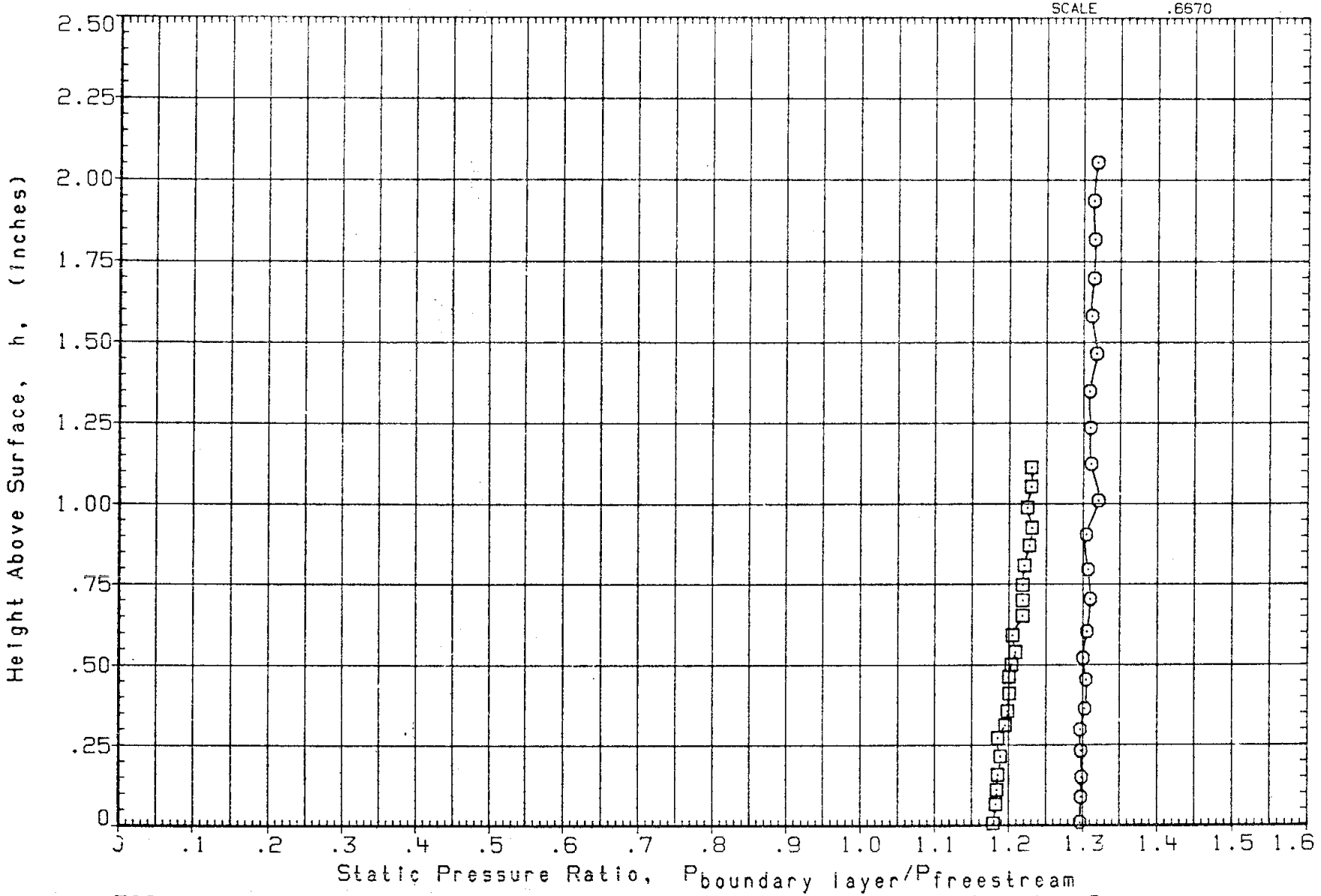


FIG. 115 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A + S

(C)MACH = 1.10 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TL63 | ○ | OA252 (ARC 382-1-22) P45 + A + S | .001 | 45.000 |
| A3TL66 | □ | OA252 (ARC 382-1-22) P45 + A + S | 1.340 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

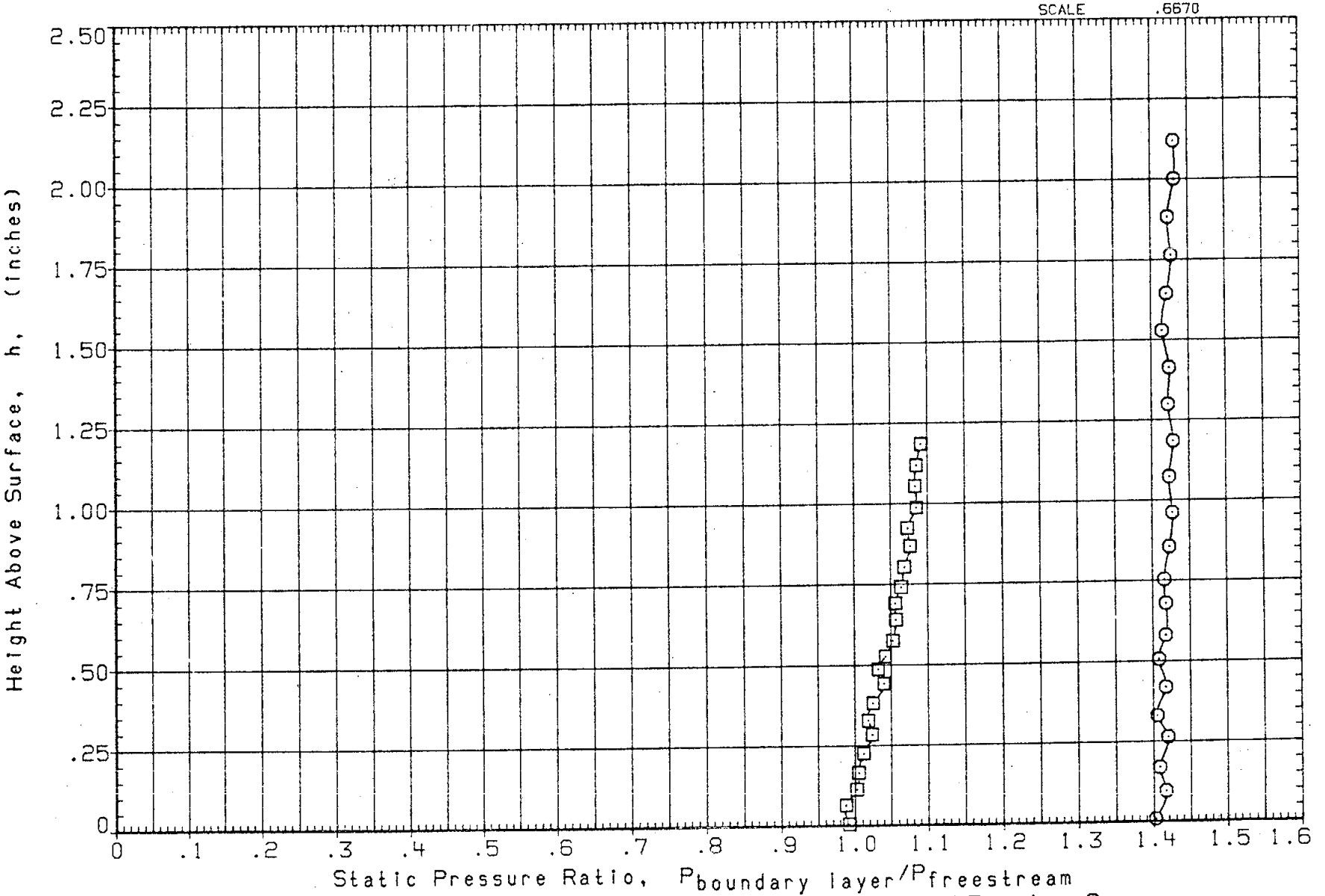


FIG. 115 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A + S

(D)MACH = 1.25 DATE 09 JUN 80

| DATA SET | SYMBOL | CONFIGURATION | HWALL | PANEL |
|---|---|---|---|---|
| A3TLS3 | ○ | OA252 (ARC 382-1-22) P45 + A + S | .001 | 45.000 |
| A3TL66 | □ | DATA NOT AVAILABLE | 1.340 | 45.000 |

REFERENCE INFORMATION

| | | |
|---|---|---|
| SREF | .0000 | SQ.FT. |
| LREF | .0000 | INCHES |
| BREF | .0000 | INCHES |
| XMRP | .0000 | IN. XO |
| YMRP | .0000 | IN. YO |
| ZMRP | .0000 | IN. ZO |
| SCALE | .6670 | |

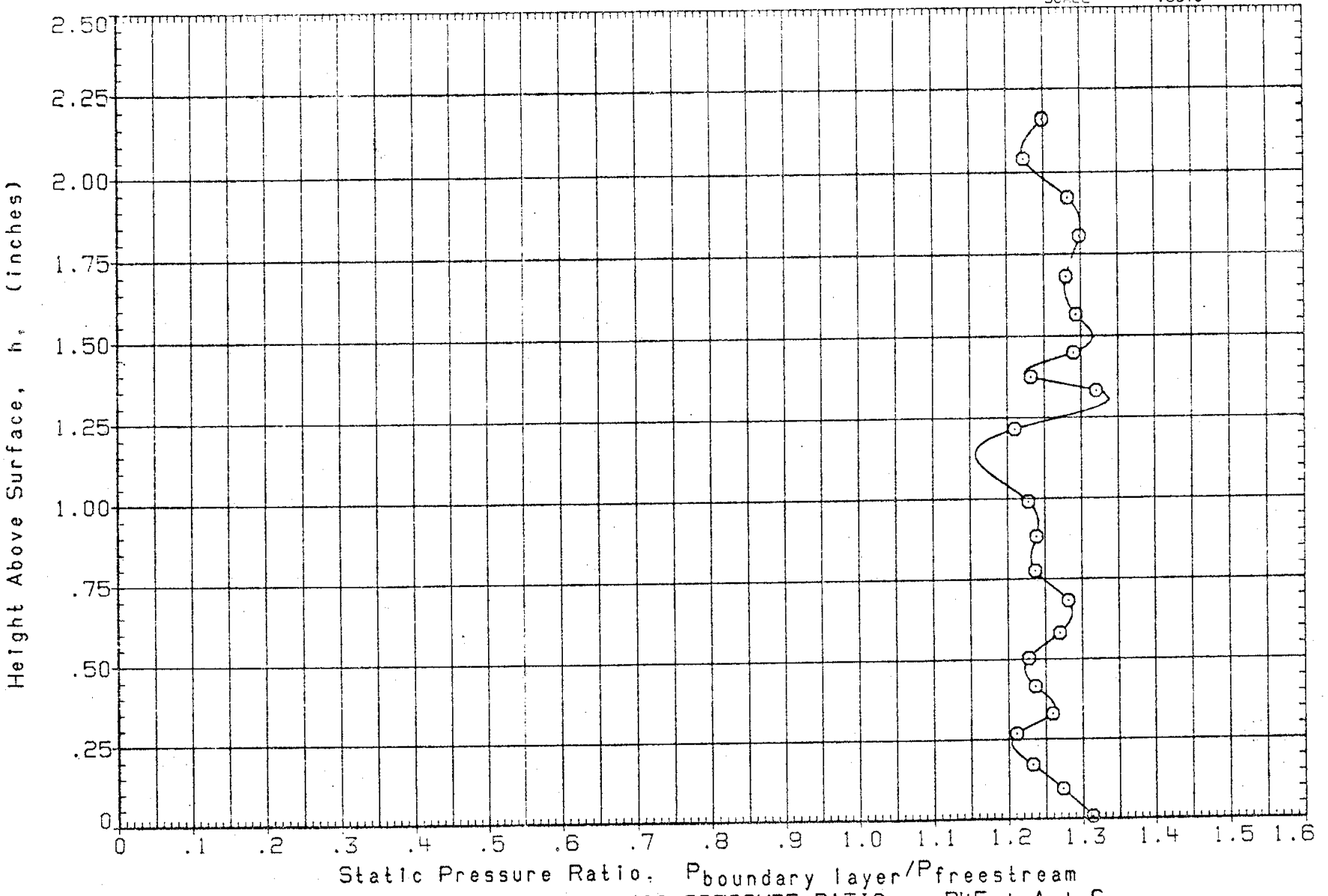


FIG. 115 BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45 + A + S

(E)MACH = 1.40 DATE 09 JUN 80

Appendix

VOLUME 1

TABULATED SOURCE DATA

TUNNEL CONDITIONS AND BOUNDARY LAYER DATA

## TUNNEL CONDITIONS


| Dataset Name | Description | Page No. |
|---|---|---|
| R3T001-013 | Panel P90 | 1- 10 |
| R3T014-029 | Panel P90+A | 10- 22 |
| R3T030-036 | Panel P90+S | 22- 28 |
| R3T037-042 | Panel P90+A+S | 28- 32 |
| R3T043-049 | Panel P90 | 32- 39 |
| R3T050-056 | Panel P45 | 39- 44 |
| R3T057-061 | Panel P45+A | 44- 48 |
| R3T062-067 | Panel P45+A+S | 48- 52 |
| R3T068-076 | Panel P45+S | 53- 58 |
| R3T077-081 | Panel P45 | 59- 63 |
| R3T082 | Panel P45+A | 64- 64 |


## BOUNDARY LAYER DATA


| | | |
|---|---|---|
| R3TL04-L11 | Panel P90 | 65- 82 |
| R3TL17-L27 | Panel P90+A | 83-104 |
| R3TL31-L35 | Panel P90+S | 105-119 |
| R3TL38-L41 | Panel P90+A+S | 120-129 |
| R3TL51-L52 | Panel P45 | 130-136 |
| R3TL57-L61 | Panel P45+A | 137-154 |
| R3TL63-L66 | Panel P45+A+S | 155-163 |
| R3TL69-L75 | Panel P45+S | 164-173 |

OA252 (ARC 382-1-22) P90 (R3T001) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2551/ 0 RN/L = 2.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .603 | 2.025 | 238.51000 | 1198.80000 | 937.84000 | 68.79000 | .00130 | 1458.00000 | 1102.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2541/ 0 RN/L = 1.98 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .896 | 1.983 | 316.07000 | 947.03000 | 562.28000 | 72.62800 | .00170 | 1452.00000 | 1102.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2531/ 0 RN/L = 1.98 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.081 | 1.983 | 351.15000 | 895.40000 | 429.31000 | 71.16400 | .00100 | 1446.00000 | 1102.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2521/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.255 | 2.049 | 388.45000 | 918.74000 | 352.22000 | 72.41900 | .00080 | 1441.00000 | 1102.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T002) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.003 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1541/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .608 | 2.046 | 243.96000 | 1210.80000 | 943.50000 | 71.02400 | -.00320 | 1453.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T002) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SREF = | .0000 | SQ.FT. | XMRP = | .0000 | IN. XO | HWALL = | -.003 | PANEL = | 90.000 |
| LREF = | .0000 | INCHES | YMRP = | .0000 | IN. YO | GAP = | .030 | STEP-F = | .000 |
| BREF = | .0000 | INCHES | ZMRP = | .0000 | IN. ZO | STEP-A = | .000 | | |
| SCALE = | .6670 | | | | | | | | |

PARAMETRIC DATA

RUN NO. 1531/ 0 RN/L = 2.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .903 | 2.030 | 326.71000 | 971.08000 | 572.18000 | 74.02200 | -.00270 | 1447.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T003) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SREF = | .0000 | SQ.FT. | XMRP = | .0000 | IN. XO | HWALL = | -.003 | PANEL = | 90.000 |
| LREF = | .0000 | INCHES | YMRP = | .0000 | IN. YO | GAP = | .030 | STEP-F = | .000 |
| BREF = | .0000 | INCHES | ZMRP = | .0000 | IN. ZO | STEP-A = | .000 | | |
| SCALE = | .6670 | | | | | | | | |

PARAMETRIC DATA

RUN NO. 1542/ 0 RN/L = 2.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 2.034 | 240.46000 | 1209.39999 | 946.33000 | 70.43100 | -.00320 | 1455.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1532/ 0 RN/L = 2.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .903 | 2.034 | 326.77000 | 971.79000 | 572.89000 | 73.39500 | -.00270 | 1449.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T004) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .002 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1481/ 0 RN/L = 4.61 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .604 | 4.612 | 557.69000 | 2798.00000 | 2187.60001 | 79.34700 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1741/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .797 | 4.544 | 681.22000 | 2329.00000 | 1532.70000 | 79.52100 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1731/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 4.589 | 751.65000 | 2241.29999 | 1324.70000 | 82.09100 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1701/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.054 | 4.530 | 788.69000 | 2047.50000 | 1014.90000 | 69.66300 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1692/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 4.579 | 817.75000 | 2061.00000 | 964.72000 | 71.02400 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1601/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.251 | 4.535 | 861.45000 | 2039.80000 | 786.48000 | 73.77900 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1591/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.403 | 4.552 | 908.39000 | 2107.00000 | 659.19000 | 79.52100 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T005) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1482/ 0 RN/L = 4.62 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .604 | 4.619 | 557.69000 | 2798.00000 | 2187.60001 | 78.72100 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1602/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.251 | 4.550 | 860.33000 | 2036.89999 | 785.07000 | 71.86100 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T006) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1452/ 0 RN/L = 6.13 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 6.125 | 744.17000 | 3749.20001 | 2935.20001 | 82.29900 | .00000 | 1506.00000 | 1025.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1501/ 0 RN/L = 6.13 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 6.133 | 997.57000 | 2984.00000 | 1768.89999 | 80.00700 | .00000 | 1335.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1571/ 0 RN/L = 5.99 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 5.989 | 1128.60001 | 2843.20001 | 1329.70000 | 93.06800 | -.00540 | 1532.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T006) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | -.001 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1611/ 0 RN/L = 6.11 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 6.112 | 1153.10001 | 2730.79999 | 1053.80000 | 71.12900 | .00080 | 1313.00000 | 1029.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T007) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | -.002 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1572/ 0 RN/L = 6.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 5.995 | 1127.39999 | 2842.50000 | 1331.80000 | 92.44600 | -.00570 | 1533.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1612/ 0 RN/L = 6.10 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.251 | 6.095 | 1152.50000 | 2728.60001 | 1051.70000 | 71.89600 | .00120 | 1315.00000 | 1029.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T008) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | | | |
| SCALE = | .6670 | | | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.414 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1551/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .598 | 2.021 | 237.54000 | 1208.00000 | 948.45000 | 70.67500 | 1.41200 | 1457.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1521/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 2.002 | 326.00000 | 972.50000 | 575.01000 | 79.83300 | 1.41360 | 1439.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1671/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.099 | 2.015 | 356.38000 | 898.94000 | 421.53000 | 67.32300 | 1.41440 | 1403.00000 | 1029.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1641/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 2.012 | 380.63000 | 901.77000 | 348.68000 | 72.34900 | 1.41410 | 1348.00000 | 1029.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T009) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | | | |
| SCALE = | .6670 | | | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.413 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1552/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .597 | 2.018 | 236.97000 | 1208.70000 | 949.86000 | 70.95400 | 1.41100 | 1458.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T009) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SREF = | .0000 | SQ.FT. | XMRP = | .0000 | IN. XO | HWALL = | 1.413 | PANEL = | 90.000 |
| LREF = | .0000 | INCHES | YMRP = | .0000 | IN. YO | GAP = | .030 | STEP-F = | .000 |
| BREF = | .0000 | INCHES | ZMRP = | .0000 | IN. ZO | STEP-A = | .000 | | |
| SCALE = | .6670 | | | | | | | | |

PARAMETRIC DATA

RUN NO. 1522/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 2.001 | 326.55000 | 973.91000 | 575.72000 | 80.59800 | 1.41410 | 1442.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1642/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 2.019 | 381.70000 | 903.89000 | 348.68000 | 72.03600 | 1.41440 | 1349.00000 | 1029.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T010) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SREF = | .0000 | SQ.FT. | XMRP = | .0000 | IN. XO | HWALL = | 1.390 | PANEL = | 90.000 |
| LREF = | .0000 | INCHES | YMRP = | .0000 | IN. YO | GAP = | .030 | STEP-F = | .000 |
| BREF = | .0000 | INCHES | ZMRP = | .0000 | IN. ZO | STEP-A = | .000 | | |
| SCALE = | .6670 | | | | | | | | |

PARAMETRIC DATA

RUN NO. 1471/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .603 | 4.566 | 557.18000 | 2801.50000 | 2191.79999 | 83.68700 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1751/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .794 | 4.482 | 677.71000 | 2326.89999 | 1535.50000 | 84.17300 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1761/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 4.422 | 739.00000 | 2204.60001 | 1303.50000 | 90.68300 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T010) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.390 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1711/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.048 | 4.506 | 785.95000 | 2048.29999 | 1022.00000 | 71.51200 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1681/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 4.575 | 817.88000 | 2061.70001 | 965.42000 | 71.54700 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1631/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 4.487 | 873.77000 | 2068.10001 | 795.68000 | 83.65200 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1581/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.400 | 4.576 | 905.89000 | 2101.29999 | 660.59000 | 76.53000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T011) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.331 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1472/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .601 | 4.552 | 554.78000 | 2797.29999 | 2190.39999 | 83.79100 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T011) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.331 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1582/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.398 | 4.502 | 907.38000 | 2104.79999 | 663.42000 | 83.82600 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T012) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1461/ 0 RN/L = 6.09 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .601 | 6.090 | 743.69000 | 3754.20001 | 2940.79999 | 84.93600 | 1.41370 | 1511.00000 | 1025.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1721/ 0 RN/L = 5.91 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 5.908 | 1013.50000 | 3029.20001 | 1794.30000 | 102.51000 | 1.41570 | 1455.00000 | 1029.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1561/ 0 RN/L = 5.97 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 5.975 | 1149.80000 | 2898.39999 | 1357.30000 | 102.20000 | 1.41390 | 1526.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1621/ 0 RN/L = 5.98 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 5.982 | 1161.39999 | 2752.00000 | 1065.10001 | 82.99300 | 1.41100 | 1321.00000 | 1029.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) F90 (R3T013) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1462/ 0 RN/L = 6.06 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 6.060 | 741.60000 | 3737.20001 | 2926.00000 | 85.42100 | 1.41390 | 1512.00000 | 1025.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1562/ 0 RN/L = 5.96 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 5.957 | 1151.70000 | 2901.20001 | 1356.50000 | 103.96000 | 1.41410 | 1527.00000 | 1026.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1622/ 0 RN/L = 5.97 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.247 | 5.971 | 1162.00000 | 2754.10001 | 1067.30000 | 84.03400 | 1.41100 | 1322.00000 | 1029.00000 | 592.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T014) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1261/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .598 | 2.039 | 233.68000 | 1189.60001 | 934.30000 | 60.46300 | .00050 | 1010.00000 | 1023.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1272/ 0 RN/L = 2.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .902 | 2.030 | 318.73000 | 948.45000 | 559.45000 | 64.38500 | .00080 | 1022.00000 | 1023.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T014) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .000 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1401/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.103 | 2.019 | 364.02000 | 915.91000 | 427.19000 | 74.30100 | .00000 | 1349.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1441/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.251 | 2.011 | 384.46000 | 910.26000 | 350.81000 | 76.28600 | .00000 | 1425.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1111/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.412 | 2.022 | 393.09000 | 911.67000 | 281.49000 | 68.40600 | .00000 | 2308.00000 | 1018.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T015) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .000 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1402/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.103 | 2.021 | 364.02000 | 915.91000 | 427.19000 | 73.95300 | .00000 | 1351.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1442/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.245 | 2.013 | 383.84000 | 910.26000 | 353.63000 | 75.97300 | .00030 | 1426.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T016) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1121/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.242 | 2.023 | 377.23000 | 895.40000 | 349.39000 | 67.53300 | .00000 | 2318.00000 | 1018.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T017) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1182/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .596 | 4.567 | 536.92000 | 2746.29999 | 2160.00000 | 71.96600 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1191/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .799 | 4.492 | 667.29000 | 2273.20001 | 1492.30000 | 74.85800 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1201/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 4.513 | 732.03000 | 2188.29999 | 1296.39999 | 78.75600 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1211/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.056 | 4.506 | 810.43000 | 2100.60001 | 1038.30000 | 82.47300 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T017) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .000 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1391/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 4.536 | 834.20000 | 2102.70001 | 984.52000 | 83.09700 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1173/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 4.546 | 873.62000 | 2068.10001 | 796.39000 | 78.37300 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1162/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.398 | 4.595 | 911.65000 | 2114.70001 | 666.25000 | 77.50400 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T018) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .000 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1183/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .596 | 4.577 | 536.83000 | 2742.10001 | 2155.79999 | 70.67500 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1192/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .800 | 4.482 | 668.21000 | 2272.50000 | 1490.20000 | 75.97300 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T018) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1202/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .899 | 4.521 | 733.36000 | 2189.00000 | 1295.00000 | 78.33900 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1392/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 4.536 | 833.66000 | 2101.29999 | 983.81000 | 82.78500 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T019) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1021/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .604 | 4.579 | 552.41000 | 2766.79999 | 2162.10001 | 77.95600 | .00020 | 2234.00000 | 1016.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1024/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .803 | 4.519 | 677.78000 | 2295.79999 | 1501.50000 | 77.46900 | .00000 | 2315.00000 | 1016.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1025/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .904 | 4.507 | 735.84000 | 2184.00000 | 1285.10001 | 79.59000 | .00000 | 2320.00000 | 1016.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T019) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1221/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.103 | 4.574 | 839.40000 | 2112.60001 | 985.93000 | 81.70900 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T020) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1222/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 4.585 | 838.14000 | 2113.29999 | 990.18000 | 80.66700 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T021) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1033/ 0 RN/L = 6.04 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 6.043 | 717.01000 | 3612.00000 | 2827.70001 | 72.34900 | .00080 | 2032.00000 | 1017.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1041/ 0 RN/L = 6.05 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .798 | 6.048 | 905.90000 | 3092.20001 | 2032.70000 | 78.75600 | .00000 | 2052.00000 | 1017.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T021) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .000 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1051/ 0 RN/L = 6.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 6.011 | 986.87000 | 2950.00000 | 1747.70000 | 83.79100 | .00000 | 2102.00000 | 1017.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1061/ 0 RN/L = 6.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.046 | 6.007 | 1082.60001 | 2824.79999 | 1412.39999 | 85.24800 | -.00020 | 2142.00000 | 1017.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1071/ 0 RN/L = 5.94 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.093 | 5.939 | 1112.39999 | 2816.29999 | 1331.10001 | 92.10000 | .00000 | 2202.00000 | 1017.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1081/ 0 RN/L = 5.95 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 5.951 | 1197.60001 | 2837.60001 | 1097.70000 | 97.89800 | -.00020 | 2207.00000 | 1017.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1091/ 0 RN/L = 5.98 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.406 | 5.981 | 1283.50000 | 2976.89999 | 927.94000 | 109.45000 | .00000 | 2226.00000 | 1017.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T022) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .000 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1034/ 0 RN/L = 6.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 6.016 | 714.10000 | 3612.00000 | 2831.20001 | 73.46500 | .00020 | 2036.00000 | 1017.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1014/ 0 RN/L = 6.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .808 | 6.022 | 912.72000 | 3070.29999 | 1998.70000 | 80.14600 | .00000 | 2226.00000 | 1016.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1015/ 0 RN/L = 6.06 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .904 | 6.064 | 999.36000 | 2967.00000 | 1746.20000 | 83.54800 | .00000 | 2230.00000 | 1016.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T023) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .000 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1013/ 0 RN/L = 6.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .598 | 6.019 | 711.27000 | 3614.89999 | 2837.60001 | 72.66300 | .00020 | 2219.00000 | 1016.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T024) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.241 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1251/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .598 | 2.044 | 233.68000 | 1189.60001 | 934.30000 | 59.44600 | .84650 | 1005.00000 | 1023.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1281/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .896 | 2.023 | 316.69000 | 949.16000 | 563.69000 | 64.87500 | 1.41490 | 1026.00000 | 1023.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1413/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 2.016 | 363.05000 | 915.21000 | 428.61000 | 74.47500 | 1.41100 | 1359.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1421/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.247 | 2.050 | 389.72000 | 923.69000 | 357.88000 | 74.51000 | 1.41290 | 1407.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1432/ 0 RN/L = 2.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.398 | 2.025 | 403.69000 | 936.43000 | 294.93000 | 79.31200 | 1.12000 | 1414.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T025) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.315 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1414/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 2.015 | 363.33000 | 915.21000 | 427.90000 | 74.68400 | 1.41120 | 1400.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1422/ 0 RN/L = 2.05 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 2.047 | 389.52000 | 922.99000 | 357.17000 | 74.78900 | 1.41290 | 1408.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1433/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.398 | 2.023 | 403.69000 | 936.43000 | 294.93000 | 79.76400 | 1.11990 | 1415.00000 | 1025.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T026) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.305 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1311/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 4.512 | 545.68000 | 2749.20001 | 2152.20001 | 80.32000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1242/ 0 RN/L = 4.63 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .802 | 4.630 | 719.23000 | 2441.50000 | 1599.10001 | 92.82600 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T026) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | HWALL = | 1.305 | PANEL = | 90.000 |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | GAP = | .030 | STEP-F = | .000 |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | STEP-A = | .000 | | |
| SCALE = | .6670 | | | | | | |

PARAMETRIC DATA

RUN NO. 1231/ 0 RN/L = 4.38 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .901 | 4.385 | 748.08000 | 2230.00000 | 1317.60001 | 99.34500 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1361/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.050 | 4.545 | 829.62000 | 2159.29999 | 1075.10001 | 89.81900 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1351/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 4.582 | 862.49000 | 2173.39999 | 1017.10000 | 92.72200 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1372/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 4.465 | 897.28000 | 2126.10001 | 822.55000 | 97.34700 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1382/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.392 | 4.420 | 925.20000 | 2146.60001 | 682.52000 | 100.00000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T027) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.397 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1352/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.099 | 4.574 | 861.11000 | 2172.00000 | 1018.50000 | 93.06800 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1383/ 0 RN/L = 4.36 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.395 | 4.364 | 925.28000 | 2146.60001 | 679.69000 | 105.23000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T028) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.272 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1301/ 0 RN/L = 6.04 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 6.045 | 744.52000 | 3766.20001 | 2952.10001 | 89.05700 | .84570 | 1101.00000 | 1023.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1291/ 0 RN/L = 5.87 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .899 | 5.868 | 1010.50000 | 3019.29999 | 1788.00000 | 104.02000 | 1.41440 | 1053.00000 | 1023.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1341/ 0 RN/L = 5.96 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.102 | 5.957 | 1124.89999 | 2832.60001 | 1323.30000 | 93.79300 | 1.41460 | 1456.00000 | 1024.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T028) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.272 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1325/ 0 RN/L = 5.96 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 5.960 | 1208.30000 | 2862.29999 | 1106.20000 | 100.89000 | 1.41200 | 1456.00000 | 1023.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3T029) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.415 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1342/ 0 RN/L = 5.94 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 5.936 | 1124.00000 | 2831.89999 | 1324.70000 | 95.10500 | 1.41470 | 1459.00000 | 1024.00000 | 92.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T030) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1961/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .597 | 2.010 | 236.94000 | 1207.30000 | 948.45000 | 72.31500 | .00350 | 1508.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1911/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 1.998 | 322.49000 | 961.89000 | 568.65000 | 76.11200 | .00250 | 1424.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T030) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1841/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.255 | 2.044 | 386.96000 | 915.21000 | 350.81000 | 71.82600 | .00270 | 1125.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T031) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1971/ 0 RN/L = 4.60 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .601 | 4.600 | 549.74000 | 2777.39999 | 2176.29999 | 75.97300 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2011/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .799 | 4.529 | 675.93000 | 2305.00000 | 1514.30000 | 77.08600 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1901/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .902 | 4.506 | 752.42000 | 2240.60001 | 1322.60001 | 89.92200 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1881/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.048 | 4.554 | 798.53000 | 2081.50000 | 1039.00000 | 73.70900 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T031) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1851/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.102 | 4.585 | 819.40000 | 2063.79999 | 964.72000 | 71.16400 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1801/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.251 | 4.525 | 877.71000 | 2078.00000 | 800.63000 | 82.19500 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1771/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.392 | 4.576 | 912.70000 | 2117.60001 | 673.32000 | 80.11100 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T032) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1772/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.401 | 4.551 | 912.93000 | 2117.60001 | 664.13000 | 81.70900 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T033) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2021/ 0 RN/L = 6.05 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 6.050 | 723.21000 | 3660.10001 | 2869.39999 | 76.53000 | -.00030 | 921.00000 | 1031.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1931/ 0 RN/L = 5.94 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 5.937 | 997.02000 | 2973.39999 | 1757.60001 | 92.68800 | .00300 | 1441.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1811/ 0 RN/L = 5.99 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.254 | 5.986 | 1170.30000 | 2769.00000 | 1063.70000 | 85.17800 | .00200 | 1059.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T034) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.395 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1951/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .597 | 2.007 | 237.59000 | 1210.80000 | 951.28000 | 74.12700 | 1.41340 | 1505.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1921/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .899 | 2.014 | 327.23000 | 976.74000 | 577.84000 | 79.06900 | 1.36370 | 1431.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T034) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.395 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1831/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 2.016 | 386.56000 | 915.91000 | 354.34000 | 77.88600 | 1.40850 | 1120.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T035) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1981/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 4.527 | 546.59000 | 2765.39999 | 2167.79999 | 80.63200 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2001/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .800 | 4.443 | 676.81000 | 2303.60001 | 1511.39999 | 85.17800 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1891/ 0 RN/L = 4.43 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 4.430 | 762.21000 | 2273.89999 | 1344.50000 | 103.23000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1872/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.048 | 4.474 | 798.31000 | 2080.10001 | 1037.60001 | 80.70200 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T035) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1861/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 4.521 | 818.01000 | 2062.39999 | 966.13000 | 76.46000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1791/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 4.483 | 890.08000 | 2107.00000 | 811.24000 | 91.75500 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1781/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.395 | 4.451 | 921.36000 | 2137.39999 | 675.44000 | 95.00100 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T036) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.339 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1991/ 0 RN/L = 6.11 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .601 | 6.112 | 746.22000 | 3764.10001 | 2947.89999 | 84.62400 | 1.41320 | 1527.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1941/ 0 RN/L = 5.97 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .893 | 5.969 | 1030.89999 | 3100.00000 | 1846.70000 | 107.08000 | 1.19490 | 1446.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3T036) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.339 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1821/ 0 RN/L = 5.95 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.254 | 5.947 | 1198.39999 | 2835.39999 | 1089.20000 | 97.79500 | 1.40850 | 1105.00000 | 1030.00000 | 792.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A + S (R3T037) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .002 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2191/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .901 | 1.996 | 318.31000 | 948.45000 | 560.16000 | 70.85000 | .00000 | 1444.00000 | 1031.00000 | 692.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2093/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.253 | 2.041 | 377.20000 | 892.57000 | 343.03000 | 62.53000 | .00390 | 1305.00000 | 1031.00000 | 692.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A + S (R3T038) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2161/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .897 | 4.487 | 734.07000 | 2196.79999 | 1302.80000 | 82.57700 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2131/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.051 | 4.478 | 780.60000 | 2030.60001 | 1010.00000 | 70.74500 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2121/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 4.582 | 825.36000 | 2080.79999 | 974.62000 | 74.58000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2051/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 4.511 | 871.22000 | 2062.39999 | 794.26000 | 80.35400 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2041/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.403 | 4.471 | 906.86000 | 2103.39999 | 657.76000 | 86.04500 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A + S (R3T039) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2181/ 0 RN/L = 6.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 6.007 | 1003.50000 | 2993.20001 | 1769.60001 | 90.47600 | .00000 | 1419.00000 | 1031.00000 | 692.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2081/ 0 RN/L = 6.13 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 6.126 | 1202.89999 | 2847.50000 | 1096.30000 | 87.15300 | .00250 | 1130.00000 | 1031.00000 | 692.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A + S (R3T040) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.413 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2201/ 0 RN/L = 1.97 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .894 | 1.968 | 316.33000 | 949.86000 | 565.11000 | 76.18200 | 1.41240 | 1448.00000 | 1031.00000 | 692.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2101/ 0 RN/L = 2.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 2.026 | 375.98000 | 890.45000 | 343.73000 | 64.56000 | 1.41370 | 1308.00000 | 1031.00000 | 692.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A + S (R3T041) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.388 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2151/ 0 RN/L = 4.43 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 4.430 | 743.02000 | 2220.79999 | 1315.50000 | 92.75700 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2141/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.050 | 4.499 | 791.56000 | 2059.60001 | 1024.80000 | 74.51000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2111/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 4.566 | 825.49000 | 2081.50000 | 975.33000 | 76.18200 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2061/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 4.559 | 889.11000 | 2106.20001 | 814.07000 | 84.69300 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2031/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.396 | 4.508 | 934.46000 | 2167.79999 | 685.34000 | 95.58800 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A + S (R3T042) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.272 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2171/ 0 RN/L = 5.98 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .903 | 5.980 | 1025.20000 | 3046.20001 | 1794.30000 | 100.62000 | 1.13110 | 1411.00000 | 1031.00000 | 692.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2071/ 0 RN/L = 6.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 6.030 | 1204.39999 | 2851.00000 | 1097.70000 | 94.24200 | 1.41320 | 1126.00000 | 1031.00000 | 692.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T043) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

RUN NO. ****/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 4.516 | 534.37000 | 2706.70001 | 2122.50000 | 72.48900 | .00000 | 1301.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2319/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .799 | 4.527 | 670.98000 | 2286.60001 | 1501.50000 | 74.02200 | .00000 | 1254.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2318/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 4.581 | 733.20000 | 2191.79999 | 1298.50000 | 73.22100 | .00030 | 1251.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T043) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

RUN NO. 2314/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.053 | 4.551 | 806.04000 | 2092.79999 | 1037.60001 | 76.59900 | .00000 | 1121.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2313/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.099 | 4.544 | 821.95000 | 2073.00000 | 971.79000 | 76.42500 | .00000 | 1118.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2312/ 0 RN/L = 4.61 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 4.606 | 884.86000 | 2096.29999 | 810.53000 | 78.61700 | .00000 | 1114.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2311/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.407 | 4.582 | 920.93000 | 2136.00000 | 664.83000 | 82.09100 | .00000 | 1108.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T044) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .020
STEP-A = .020

RUN NO. 2329/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .598 | 4.484 | 532.64000 | 2706.70001 | 2124.60001 | 74.82400 | .00020 | 1431.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T044) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .000 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .020 |
| STEP-A = | .020 | | |

RUN NO. 2328/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .800 | 4.479 | 670.73000 | 2282.39999 | 1497.30000 | 77.88600 | .00000 | 1426.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2327/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 4.528 | 732.68000 | 2186.20001 | 1292.89999 | 77.22600 | .00020 | 1423.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2326/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.049 | 4.532 | 793.86000 | 2068.10001 | 1031.20000 | 73.11600 | .00030 | 1418.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2325/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.103 | 4.515 | 810.43000 | 2039.80000 | 951.99000 | 72.69800 | .00050 | 1414.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2324/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 4.559 | 863.55000 | 2045.39999 | 790.02000 | 72.83800 | .00050 | 1408.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2323/ 0 RN/L = 4.61 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.403 | 4.611 | 907.16000 | 2104.10001 | 658.47000 | 73.81300 | .00000 | 1403.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T045) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .020
STEP-A = .020

RUN NO. 2322/ 0 RN/L = 4.66 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.404 | 4.662 | 909.01000 | 2108.39999 | 658.47000 | 70.15200 | .00000 | 1358.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T046) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .160

RUN NO. 2334/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 4.504 | 538.94000 | 2731.50000 | 2142.29999 | 77.22600 | .00000 | 1534.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2333/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .799 | 4.460 | 666.20000 | 2271.00000 | 1491.60001 | 77.36500 | .00000 | 1529.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2332/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 4.493 | 723.99000 | 2165.00000 | 1283.00000 | 76.07700 | .00000 | 1525.00000 | 1101.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2371/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.050 | 4.479 | 802.20000 | 2088.60001 | 1040.39999 | 81.98700 | .00100 | 928.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T046) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .160

RUN NO. 2361/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.102 | 4.549 | 827.56000 | 2083.60001 | 973.20000 | 78.23400 | .00120 | 921.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2351/ 0 RN/L = 4.64 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 4.644 | 886.09000 | 2098.50000 | 809.82000 | 75.69400 | .00080 | 915.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2342/ 0 RN/L = 4.64 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.408 | 4.639 | 922.16000 | 2138.79999 | 664.83000 | 77.60800 | .00100 | 909.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T047) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .017 STEP-F = .000
STEP-A = .000

RUN NO. 2441/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 4.521 | 572.09000 | 2877.89999 | 2251.89999 | 99.41400 | .00120 | 1102.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2431/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .799 | 4.497 | 708.56000 | 2416.00000 | 1587.10001 | 100.10000 | .00120 | 1057.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T047) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 90.000 |
| GAP = | .017 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2421/ 0 RN/L = 4.38 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .895 | 4.383 | 743.50000 | 2230.70001 | 1326.10001 | 98.58700 | .00120 | 1053.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2411/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.047 | 4.476 | 812.31000 | 2118.29999 | 1058.10001 | 87.98400 | .00120 | 1046.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2401/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.098 | 4.424 | 824.65000 | 2081.50000 | 977.45000 | 89.09200 | .00120 | 1042.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2391/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 4.500 | 886.40000 | 2098.50000 | 808.41000 | 88.53800 | .00130 | 1039.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2381/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.402 | 4.504 | 921.17000 | 2136.70001 | 669.78000 | 89.54200 | .00080 | 1035.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T048) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .067 STEP-F = .000
STEP-A = .000

RUN NO. 2511/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 4.545 | 571.52000 | 2878.60001 | 2253.39999 | 97.03600 | .00100 | 1356.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2501/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .802 | 4.451 | 710.67000 | 2411.10001 | 1578.60001 | 104.57000 | .00120 | 1351.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2491/ 0 RN/L = 4.38 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 4.383 | 748.92000 | 2239.20001 | 1326.80000 | 100.83000 | .00120 | 1343.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2481/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.050 | 4.479 | 821.60000 | 2138.79999 | 1065.10001 | 91.92800 | .00100 | 1338.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2471/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.096 | 4.478 | 836.45000 | 2113.29999 | 994.42000 | 90.30300 | .00080 | 1334.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2461/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.245 | 4.505 | 889.64000 | 2109.79999 | 819.73000 | 90.37200 | .00080 | 1330.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2451/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.407 | 4.519 | 921.55000 | 2137.39999 | 664.83000 | 87.98400 | .00120 | 1323.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3T049) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .067 STEP-F = .000
STEP-A = .000

RUN NO. 2452/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.401 | 4.523 | 922.38000 | 2130.50000 | 671.20000 | 88.46900 | .00100 | 1325.00000 | 1102.00000 | 892.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T050) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2811/ 0 RN/L = 2.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .603 | 2.017 | 238.51000 | 1198.80000 | 937.84000 | 70.53600 | .00490 | 1533.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2841/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .929 | 2.035 | 330.44000 | 954.81000 | 546.72000 | 70.36100 | -.00050 | 904.00000 | 1107.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2651/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.103 | 2.008 | 359.39000 | 904.60000 | 422.24000 | 71.47800 | .00500 | 1355.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2621/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.247 | 2.000 | 380.47000 | 901.77000 | 349.39000 | 74.82400 | .00170 | 1341.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T051) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .003 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2771/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 4.515 | 547.01000 | 2757.60001 | 2159.29999 | 81.29200 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2741/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .799 | 4.478 | 682.54000 | 2326.89999 | 1528.39999 | 85.80200 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2731/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .903 | 4.498 | 750.05000 | 2228.60001 | 1312.70000 | 88.71100 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2701/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.055 | 4.483 | 797.45000 | 2068.79999 | 1024.10001 | 78.13000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2691/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.102 | 4.535 | 826.20000 | 2080.79999 | 972.50000 | 78.89500 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2611/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.251 | 4.515 | 876.79000 | 2075.79999 | 799.92000 | 82.71600 | .00220 | 1325.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2571/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.402 | 4.528 | 912.63000 | 2116.89999 | 663.42000 | 83.58300 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T052) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2612/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 4.526 | 877.15000 | 2076.50000 | 799.92000 | 81.77800 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T053) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2781/ 0 RN/L = 5.93 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 5.925 | 717.34000 | 3628.29999 | 2843.89999 | 81.70900 | .00520 | 1516.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2831/ 0 RN/L = 6.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .899 | 6.004 | 996.50000 | 2976.89999 | 1762.50000 | 88.15800 | -.00070 | 848.00000 | 1107.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2661/ 0 RN/L = 6.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 6.020 | 1095.50000 | 2761.89999 | 1293.60001 | 78.75600 | .00170 | 1403.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2581/ 0 RN/L = 6.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.246 | 6.014 | 1167.89999 | 2769.00000 | 1074.30000 | 83.34000 | .00130 | 1307.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T054) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2801/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 2.015 | 239.22000 | 1205.20000 | 943.50000 | 72.66300 | 1.41250 | 1530.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2851/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .899 | 1.998 | 319.80000 | 955.52000 | 565.82000 | 73.18600 | 1.41150 | 908.00000 | 1107.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2641/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.102 | 2.005 | 358.98000 | 903.89000 | 422.24000 | 71.79200 | 1.41290 | 1352.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2631/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 2.014 | 381.19000 | 903.18000 | 349.39000 | 72.52400 | 1.41220 | 1345.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T055) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.382 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2761/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 4.465 | 544.74000 | 2759.79999 | 2164.20001 | 85.35200 | 1.41250 | 1507.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T055) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.382 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2751/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 4.474 | 690.11000 | 2348.79999 | 1541.10001 | 90.40700 | 1.41300 | 1459.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2721/ 0 RN/L = 4.43 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .897 | 4.428 | 744.09000 | 2227.89999 | 1321.89999 | 94.00000 | 1.26040 | 1443.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2711/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.048 | 4.526 | 804.49000 | 2097.10001 | 1046.80000 | 79.27700 | 1.41300 | 1432.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2681/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 4.512 | 825.09000 | 2079.39999 | 973.20000 | 80.63200 | 1.41240 | 1413.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2601/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 4.519 | 890.54000 | 2109.10001 | 814.07000 | 88.85000 | 1.41200 | 1319.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2561/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.397 | 4.489 | 912.55000 | 2116.89999 | 667.66000 | 87.43000 | 1.34740 | 1255.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T056) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.407 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2791/ 0 RN/L = 5.92 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .599 | 5.921 | 722.09000 | 3662.20001 | 2872.89999 | 85.45600 | 1.41290 | 1519.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2821/ 0 RN/L = 5.87 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .901 | 5.874 | 997.86000 | 2973.39999 | 1756.20000 | 97.41600 | 1.39200 | 843.00000 | 1107.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2671/ 0 RN/L = 5.94 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.102 | 5.944 | 1097.10001 | 2762.60001 | 1290.80000 | 84.20700 | 1.41240 | 1407.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2591/ 0 RN/L = 5.90 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 5.899 | 1169.20000 | 2769.70001 | 1070.10001 | 91.40900 | 1.41200 | 1311.00000 | 1106.00000 | 542.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3T057) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3391/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 4.510 | 534.37000 | 2706.70001 | 2122.50000 | 73.04700 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3T057) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3421/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .798 | 4.559 | 691.75000 | 2360.20001 | 1551.00000 | 84.06900 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3981/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .901 | 4.447 | 734.14000 | 2188.29999 | 1292.89999 | 85.35200 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3972/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.054 | 4.481 | 804.72000 | 2088.60001 | 1034.70000 | 82.23000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3541/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.103 | 4.499 | 810.43000 | 2039.80000 | 951.99000 | 74.05700 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3531/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 4.511 | 859.92000 | 2035.50000 | 783.66000 | 75.10200 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3521/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.396 | 4.513 | 898.19000 | 2083.60001 | 658.47000 | 78.93000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3T058) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | -.000 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3982/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 4.420 | 731.61000 | 2188.29999 | 1297.10001 | 87.29200 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3551/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.049 | 4.506 | 786.16000 | 2047.50000 | 1020.60000 | 71.44300 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3T059) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3983/ 0 RN/L = 4.40 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 4.400 | 732.03000 | 2188.29999 | 1296.39999 | 89.36900 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3T060) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3561/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 4.500 | 718.81000 | 2145.10001 | 1268.80000 | 72.00100 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3T061) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3401/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .597 | 4.479 | 531.51000 | 2708.79999 | 2128.20001 | 75.06700 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3412/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .800 | 4.508 | 667.16000 | 2271.00000 | 1490.20000 | 73.15100 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3511/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 4.562 | 733.23000 | 2187.60001 | 1293.60001 | 74.47500 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3501/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.051 | 4.501 | 803.03000 | 2087.89999 | 1037.60001 | 79.97200 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3T061) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3451/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 4.547 | 834.76000 | 2102.70001 | 983.11000 | 82.12600 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3441/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.257 | 4.550 | 890.57000 | 2105.50000 | 805.58000 | 85.24800 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3432/ 0 RN/L = 4.40 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.408 | 4.404 | 904.48000 | 2097.79999 | 651.40000 | 90.78700 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3T062) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3381/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.051 | 2.014 | 347.80000 | 904.60000 | 449.82000 | 66.93800 | .00100 | 1421.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3351/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.105 | 2.002 | 357.36000 | 898.23000 | 418.00000 | 70.08200 | .00080 | 1405.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3T062) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3341/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 2.012 | 380.07000 | 900.35000 | 347.98000 | 71.68700 | .00080 | 1400.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3T063) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3141/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .901 | 4.537 | 733.59000 | 2186.89999 | 1292.20000 | 76.70400 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3151/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.048 | 4.592 | 805.90000 | 2099.89999 | 1047.50000 | 73.88300 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3161/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.098 | 4.538 | 817.05000 | 2061.70001 | 967.55000 | 74.68400 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3171/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 4.505 | 863.08000 | 2045.39999 | 792.14000 | 77.60800 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3T063) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3181/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.404 | 4.509 | 908.39000 | 2107.00000 | 658.47000 | 83.23600 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3T064) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | -.002 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3311/ 0 RN/L = 6.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.051 | 5.998 | 1065.70000 | 2772.50000 | 1379.20000 | 78.47800 | -.00190 | 1333.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3304/ 0 RN/L = 6.02 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 6.023 | 1096.10001 | 2761.89999 | 1292.20000 | 78.61700 | -.00170 | 1326.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3192/ 0 RN/L = 6.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 5.997 | 1167.80000 | 2767.50000 | 1071.50000 | 84.27700 | -.00170 | 1113.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3T065) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.412 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3371/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.049 | 2.008 | 347.05000 | 903.89000 | 450.53000 | 67.56700 | 1.41170 | 1417.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3361/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 1.996 | 355.71000 | 896.82000 | 420.12000 | 70.25600 | 1.41150 | 1410.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3331/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 2.008 | 380.63000 | 901.77000 | 348.68000 | 73.15100 | 1.41170 | 1356.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3T066) ( 22 APR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.340 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3131/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .903 | 4.523 | 735.20000 | 2186.20001 | 1288.60001 | 78.26900 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3122/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.047 | 4.498 | 801.03000 | 2089.29999 | 1043.89999 | 80.14600 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3T066) ( 22 APR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.340 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3111/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.102 | 4.485 | 826.61000 | 2081.50000 | 972.50000 | 83.58300 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3101/ 0 RN/L = 4.60 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 4.598 | 897.64000 | 2126.79999 | 822.55000 | 85.21300 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3T067) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3321/ 0 RN/L = 5.96 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.050 | 5.958 | 1068.89999 | 2782.39999 | 1385.50000 | 82.64600 | 1.41150 | 1339.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3211/ 0 RN/L = 6.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 6.002 | 1148.89999 | 2894.89999 | 1354.39999 | 99.79300 | 1.41250 | 1124.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3201/ 0 RN/L = 5.97 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 5.969 | 1212.80000 | 2874.29999 | 1113.20000 | 102.10000 | 1.41320 | 1119.00000 | 1108.00000 | 642.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T068) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3001/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.047 | 2.004 | 347.39000 | 906.01000 | 452.65000 | 69.20900 | .00400 | 1403.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2991/ 0 RN/L = 1.99 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 1.989 | 354.35000 | 892.57000 | 417.29000 | 69.90700 | .00400 | 1358.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2962/ 0 RN/L = 2.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.253 | 2.028 | 380.73000 | 901.06000 | 346.56000 | 68.86000 | .00100 | 1338.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T069) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3071/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .901 | 4.500 | 723.70000 | 2157.20001 | 1274.50000 | 74.47500 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3061/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.050 | 4.522 | 798.72000 | 2078.70001 | 1034.70000 | 76.21600 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T069) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3031/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 4.505 | 818.43000 | 2063.10001 | 966.13000 | 78.02600 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2881/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.252 | 4.463 | 859.00000 | 2033.39999 | 782.95000 | 78.99900 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2872/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.403 | 4.498 | 912.65000 | 2116.89999 | 662.71000 | 86.28700 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T070) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2951/ 0 RN/L = 6.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.051 | 6.031 | 1079.70000 | 2808.60001 | 1396.89999 | 81.60500 | .00220 | 1315.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2921/ 0 RN/L = 6.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 6.012 | 1100.70000 | 2774.60001 | 1299.30000 | 81.25800 | .00070 | 1259.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T070) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3022/ 0 RN/L = 5.97 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 5.972 | 1156.60001 | 2740.70001 | 1060.89999 | 81.98700 | .00120 | 1421.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T071) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2952/ 0 RN/L = 6.05 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.052 | 6.049 | 1082.50000 | 2814.20001 | 1398.30000 | 81.22300 | .00220 | 1316.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2911/ 0 RN/L = 6.03 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.251 | 6.027 | 1173.60001 | 2778.89999 | 1071.50000 | 83.86100 | .00080 | 1254.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T072) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2953/ 0 RN/L = 6.04 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.049 | 6.043 | 1079.20000 | 2811.39999 | 1401.80000 | 81.01400 | .00250 | 1318.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T073) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.415 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3011/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.048 | 2.011 | 347.17000 | 904.60000 | 451.24000 | 67.21800 | 1.41520 | 1409.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2981/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.100 | 2.000 | 357.34000 | 901.06000 | 422.24000 | 71.44300 | 1.41490 | 1350.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2971/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 2.014 | 382.27000 | 905.31000 | 349.39000 | 73.60400 | 1.41490 | 1345.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T074) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.415 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2982/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.099 | 1.997 | 356.93000 | 900.35000 | 422.24000 | 71.54700 | 1.41470 | 1353.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T075) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.383 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3081/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 4.525 | 726.29000 | 2167.10001 | 1281.60001 | 73.95300 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3051/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.050 | 4.492 | 798.40000 | 2078.70001 | 1035.39999 | 78.82500 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3041/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 4.534 | 826.33000 | 2081.50000 | 973.20000 | 79.10300 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2891/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.248 | 4.453 | 871.41000 | 2065.20001 | 799.92000 | 86.32200 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T075) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.383 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2861/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.399 | 4.465 | 915.94000 | 2124.60001 | 668.37000 | 90.99400 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3T076) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2941/ 0 RN/L = 5.98 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.050 | 5.977 | 1079.50000 | 2809.29999 | 1398.30000 | 85.35200 | 1.41460 | 1310.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2931/ 0 RN/L = 5.97 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.101 | 5.967 | 1112.39999 | 2802.89999 | 1311.30000 | 88.57300 | 1.41460 | 1305.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 2901/ 0 RN/L = 5.94 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.253 | 5.943 | 1175.30000 | 2781.70001 | 1070.10001 | 90.06100 | 1.41190 | 1250.00000 | 1107.00000 | 742.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T077) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | -.020 |
| STEP-A = | -.020 | | |

RUN NO. 3671/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 4.465 | 531.48000 | 2679.10001 | 2097.79999 | 73.88300 | .00050 | 1525.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3661/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .801 | 4.515 | 665.09000 | 2260.39999 | 1481.70000 | 70.81500 | .00080 | 1518.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3651/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .901 | 4.512 | 719.58000 | 2144.39999 | 1266.70000 | 71.02400 | .00080 | 1515.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3641/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.051 | 4.516 | 787.43000 | 2047.50000 | 1017.80000 | 70.67500 | .00070 | 1511.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3631/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.098 | 4.485 | 804.53000 | 2030.60001 | 953.40000 | 73.29100 | .00030 | 1506.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3621/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 4.518 | 859.10000 | 2034.80000 | 785.78000 | 74.30100 | .00030 | 1502.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3613/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.402 | 4.493 | 886.10000 | 2055.29999 | 644.32000 | 74.85800 | .00050 | 1457.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T078) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 45.000
GAP = .030 STEP-F = .020
STEP-A = .020

RUN NO. 3741/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .598 | 4.462 | 524.86000 | 2667.10001 | 2093.50000 | 70.74500 | .00030 | 1102.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3731/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .800 | 4.479 | 658.00000 | 2238.50000 | 1468.30000 | 69.97700 | .00070 | 1056.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3721/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .900 | 4.503 | 715.73000 | 2134.50000 | 1261.80000 | 69.83800 | .00050 | 1051.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3711/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.048 | 4.508 | 782.38000 | 2039.80000 | 1018.50000 | 69.55800 | .00050 | 1044.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3701/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.099 | 4.552 | 809.98000 | 2043.30000 | 958.35000 | 69.83800 | .00050 | 1038.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3691/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.251 | 4.530 | 859.61000 | 2035.50000 | 785.07000 | 73.43000 | .00050 | 1030.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3681/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.404 | 4.568 | 900.17000 | 2087.89999 | 652.10000 | 74.33600 | .00030 | 1023.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T079) ( 22 APR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .160 | | |

RUN NO. 3811/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 4.456 | 529.23000 | 2682.00000 | 2103.39999 | 74.12700 | .00150 | 1322.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3801/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .800 | 4.494 | 661.56000 | 2249.79999 | 1475.39999 | 70.74500 | .00170 | 1316.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3791/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .901 | 4.493 | 715.95000 | 2132.39999 | 1258.89999 | 70.46600 | .00150 | 1312.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3781/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.052 | 4.473 | 784.60000 | 2039.80000 | 1013.50000 | 73.04700 | .00130 | 1308.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3771/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.098 | 4.513 | 809.16000 | 2041.89999 | 958.35000 | 72.97700 | .00150 | 1304.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3761/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 4.532 | 860.74000 | 2038.39999 | 786.48000 | 73.74400 | .00130 | 1300.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3751/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.399 | 4.504 | 885.75000 | 2054.60001 | 646.44000 | 73.91800 | .00100 | 1254.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T080) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .017 STEP-F = .000
STEP-A = .000

RUN NO. 3881/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .600 | 4.456 | 529.78000 | 2680.60001 | 2101.29999 | 74.16200 | .00130 | 1516.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3871/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .800 | 4.493 | 661.61000 | 2250.50000 | 1476.10001 | 70.91900 | .00150 | 1512.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3861/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .899 | 4.475 | 714.46000 | 2134.50000 | 1263.89999 | 72.10500 | .00150 | 1509.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3851/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.049 | 4.463 | 783.02000 | 2039.80000 | 1017.10000 | 73.74400 | .00130 | 1503.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3841/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.098 | 4.504 | 809.29000 | 2042.60001 | 959.06000 | 73.95300 | .00120 | 1458.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3831/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 4.524 | 860.22000 | 2037.60001 | 787.19000 | 74.40600 | .00120 | 1451.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3821/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.404 | 4.511 | 890.40000 | 2065.20001 | 645.74000 | 75.10200 | .00150 | 1446.00000 | 1113.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3T081) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .067 STEP-F = .000
STEP-A = .000

RUN NO. 3951/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .602 | 4.469 | 540.42000 | 2718.70001 | 2127.50000 | 79.97200 | .00080 | 954.00000 | 1114.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3941/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .802 | 4.511 | 669.65000 | 2272.50000 | 1488.10001 | 73.67400 | .00070 | 950.00000 | 1114.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3931/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| .898 | 4.503 | 717.54000 | 2145.10001 | 1271.00000 | 71.40800 | .00070 | 946.00000 | 1114.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3921/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.049 | 4.507 | 789.52000 | 2056.70001 | 1025.50000 | 73.11600 | .00050 | 941.00000 | 1114.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3911/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.094 | 4.499 | 802.42000 | 2029.89999 | 957.64000 | 72.55900 | .00080 | 936.00000 | 1114.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3901/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.250 | 4.584 | 865.39000 | 2049.70001 | 791.44000 | 71.47800 | .00080 | 932.00000 | 1114.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3891/ 0 RN/L = 4.61 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.401 | 4.615 | 898.59000 | 2084.29999 | 654.22000 | 69.83800 | .00050 | 928.00000 | 1114.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3T082) ( 22 APR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 45.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

RUN NO. 3601/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.049 | 4.502 | 790.61000 | 2059.60001 | 1027.00000 | 74.12700 | .00080 | 1404.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3591/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.096 | 4.507 | 811.29000 | 2050.39999 | 965.42000 | 75.13700 | .00050 | 1359.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3581/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.249 | 4.554 | 873.00000 | 2068.10001 | 799.21000 | 77.64300 | .00000 | 1354.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 3572/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | RN/L | Q | PT | P | TTF | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|
| 1.403 | 4.511 | 908.39000 | 2107.00000 | 659.18000 | 83.16700 | .00000 | 1349.00000 | 1109.00000 | 842.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90

(R3TL04) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1481/ 0 PN/L = 4.61 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .604 | .007 | 2350.79999 | 2111.89999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .072 | 2345.39999 | 2111.89999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .135 | 2379.10001 | 2111.70001 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .202 | 2387.29999 | 2111.89999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .269 | 2419.79999 | 2111.29999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .335 | 2432.00000 | 2111.89999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .403 | 2444.20001 | 2111.29999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .474 | 2479.20001 | 2111.70001 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .541 | 2467.60001 | 2111.70001 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .611 | 2507.50000 | 2111.29999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .684 | 2523.70001 | 2111.20001 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .755 | 2494.20001 | 2111.29999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .828 | 2530.20001 | 2111.29999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .901 | 2567.20001 | 2111.29999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | .975 | 2606.60101 | 2111.10001 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | 1.055 | 2590.10001 | 2111.29999 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | 1.132 | 2611.60001 | 2111.10001 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | 1.212 | 2618.10001 | 2111.10001 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | 1.291 | 2633.70001 | 2111.00000 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | 1.371 | 2654.60001 | 2111.20001 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | 1.453 | 2652.89999 | 2111.10001 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| .604 | 1.537 | 2650.10001 | 2111.00000 | 2187.60001 | 2798.00000 | 79.34700 | 557.69000 | .00020 | 1533.00000 | 1025.00000 | 593.00000 |
| | GRADIENT | 215.21553 | -.56714 | .00053 | -.00008 | -.00000 | .00006 | .00000 | -.00008 | -.00008 | -.00004 |

OA252 (ARC 382-1-22) P90 (R3TL04) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1741/ 0 RN/L = 4.54 GRADICNT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .797 | .007 | 1638.00000 | 1593.89999 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .104 | 1856.39999 | 1599.80000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .198 | 1934.80000 | 1601.30000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .295 | 1960.50000 | 1591.50000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .388 | 2036.10001 | 1600.10001 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .482 | 2061.20001 | 1605.70000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .571 | 2142.20001 | 1612.50000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .667 | 2187.39999 | 1607.30000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .759 | 2162.20001 | 1608.70000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .857 | 2185.39999 | 1612.10001 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | .953 | 2236.60001 | 1611.70000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 1.055 | 2218.79999 | 1608.20000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 1.159 | 2285.89999 | 1606.50000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 1.265 | 2285.00000 | 1621.30000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 1.369 | 2284.70001 | 1617.70000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 1.481 | 2319.50000 | 1611.39999 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 1.589 | 2322.89999 | 1614.00000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 1.700 | 2303.70001 | 1614.70000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 1.810 | 2330.00000 | 1618.70000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 1.921 | 2322.10001 | 1620.50000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 2.031 | 2332.50000 | 1612.10001 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| .797 | 2.140 | 2307.89999 | 1613.30000 | 1532.70000 | 2329.00000 | 79.52100 | 681.22000 | .00250 | 1511.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 245.51786 | 9.67773 | .00012 | .00000 | .00000 | .00006 | .00000 | .00004 | .00000 | -.00002 |

OA252 (ARC 382-1-22) P90 (R3TL04) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1731/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .900 | .009 | 1435.89999 | 1393.80000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .104 | 1657.70000 | 1393.50000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .197 | 1741.70000 | 1396.60001 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .293 | 1841.60001 | 1404.00000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .387 | 1898.70000 | 1409.10001 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .484 | 1910.60001 | 1405.20000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .575 | 2021.20000 | 1413.80000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .674 | 1969.39999 | 1410.00000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .769 | 2058.50000 | 1409.80000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .870 | 2151.29999 | 1404.80000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | .969 | 2112.89999 | 1414.60001 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 1.075 | 2096.20001 | 1414.00000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 1.179 | 2148.20001 | 1412.50000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 1.286 | 2230.29999 | 1411.60001 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 1.394 | 2192.39999 | 1415.20000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 1.505 | 2220.39999 | 1417.70000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 1.616 | 2233.10001 | 1420.80000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 1.728 | 2240.50000 | 1420.89999 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 1.838 | 2235.60001 | 1422.70000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 1.950 | 2231.39999 | 1424.50000 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 2.060 | 2236.50000 | 1422.39999 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| .900 | 2.169 | 2239.89999 | 1417.39999 | 1324.70000 | 2241.29999 | 82.09100 | 751.65000 | .00290 | 1504.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 292.88059 | 12.11829 | .00011 | .00038 | .00001 | .00017 | .00000 | -.00004 | -.00004 | -.00002 |

OA252 (ARC 382-1-22) P90 (R3TL04) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1701/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.054 | .012 | 1350.70000 | 1278.70000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .104 | 1452.60001 | 1281.89999 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .187 | 1478.60001 | 1281.20000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .278 | 1521.00000 | 1283.89999 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .361 | 1537.20000 | 1285.50000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .452 | 1575.30000 | 1288.00000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .533 | 1661.10001 | 1289.10001 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .620 | 1701.50000 | 1284.89999 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .707 | 1742.00000 | 1291.70000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .794 | 1809.00000 | 1293.30000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .890 | 1806.20000 | 1301.20000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | .985 | 1912.00000 | 1293.70000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 1.086 | 1936.30000 | 1294.70000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 1.187 | 1972.30000 | 1298.39999 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 1.291 | 1936.00000 | 1298.70000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 1.395 | 1945.80999 | 1303.70000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 1.505 | 2018.39999 | 1309.70000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 1.615 | 2032.80000 | 1298.30000 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 1.724 | 2049.20001 | 1301.60001 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 1.835 | 2004.50000 | 1299.89999 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 1.945 | 2015.50000 | 1298.89999 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| 1.054 | 2.053 | 2034.20000 | 1297.60001 | 1014.90000 | 2047.50000 | 69.66300 | 788.69000 | .00450 | 1434.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 339.34688 | 11.24593 | .00019 | .00004 | .00002 | .00013 | .00000 | .00000 | .00002 | .00000 |

OA252 (ARC 382-1-22) P90 (R3TL04) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1692/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.100 | .010 | 1275.30000 | 1234.80000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .107 | 1361.60001 | 1232.30000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .199 | 1419.30000 | 1240.60001 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .293 | 1490.10001 | 1235.60001 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .384 | 1480.10001 | 1241.30000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .479 | 1627.50000 | 1245.20000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .567 | 1603.20000 | 1246.39999 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .662 | 1688.10001 | 1243.80000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .754 | 1743.50000 | 1241.70000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .851 | 1811.10001 | 1248.20000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | .947 | 1885.50000 | 1244.20000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.050 | 1942.70000 | 1250.60001 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.154 | 1922.89999 | 1250.00000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.259 | 1995.60001 | 1249.80000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.363 | 1915.50000 | 1247.80000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.473 | 2021.10001 | 1249.89999 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.582 | 2021.60001 | 1257.80000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.692 | 2041.10001 | 1253.10001 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.801 | 2027.00000 | 1259.20000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.912 | 2044.30000 | 1254.50000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 2.022 | 2048.79999 | 1248.60001 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| 1.100 | 2.130 | 2057.79999 | 1256.80000 | 964.72000 | 2061.00000 | 71.02400 | 817.75000 | .00390 | 1423.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 369.87184 | 9.82198 | .00004 | .00000 | .00001 | -.00002 | .00000 | -.00004 | -.00008 | .00000 |

OA252 (ARC 382-1-22) P90 (R3TL04) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1601/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.251 | .005 | 1182.70000 | 1167.20000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .094 | 1217.50000 | 1159.50000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .174 | 1247.70000 | 1166.30000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .261 | 1231.60001 | 1157.80000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .343 | 1287.89999 | 1162.50000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .431 | 1309.70000 | 1169.89999 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .515 | 1335.70000 | 1169.70000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .601 | 1397.39999 | 1167.80000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .691 | 1462.20000 | 1171.80000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .782 | 1517.10001 | 1177.89999 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .877 | 1572.50000 | 1177.30000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | .973 | 1625.10001 | 1176.00000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.075 | 1702.60001 | 1175.89999 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.175 | 1780.70000 | 1172.50000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.279 | 1760.89999 | 1179.80000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.382 | 1872.39999 | 1183.30000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.490 | 1989.80000 | 1161.50000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.596 | 1948.20000 | 1171.70000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.702 | 2001.10001 | 1169.60001 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.810 | 2007.00000 | 1187.30000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.916 | 2031.89999 | 1173.50000 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| 1.251 | 2.022 | 2036.80000 | 1181.89999 | 786.48000 | 2039.80000 | 73.77900 | 861.45000 | .00070 | 1223.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 489.78372 | 7.70003 | .00004 | .00030 | .00001 | .00009 | .00000 | .00000 | -.00004 | -.00002 |

OA252 (ARC 382-1-22) P90 (R3TL04) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1591/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.403 | .004 | 789.16000 | 843.00000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .096 | 1070.60001 | 753.56000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .188 | 1141.39999 | 816.09000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .282 | 1223.10001 | 794.38000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .374 | 1283.89999 | 848.71000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .470 | 1437.00000 | 848.21000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .558 | 1483.10001 | 810.69000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .653 | 1589.80000 | 827.20000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .746 | 1692.70000 | 799.68000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .845 | 1731.50000 | 800.48000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | .943 | 1644.39999 | 787.18000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.046 | 1920.80000 | 839.10000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.147 | 1973.89999 | 847.41000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.251 | 1967.20000 | 825.20000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.354 | 1996.60001 | 852.71000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.463 | 1986.39999 | 820.09000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.568 | 2011.30000 | 849.71000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.677 | 2012.70000 | 849.71000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.783 | 2004.50000 | 817.19000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.890 | 2007.30000 | 841.70000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 1.996 | 2010.39999 | 854.51000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| 1.403 | 2.099 | 2007.89999 | 827.80000 | 659.18000 | 2107.00000 | 79.52100 | 908.39000 | -.00100 | 1215.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 530.21350 | 16.92493 | .00008 | -.00004 | .00001 | .00018 | -.00000 | .00000 | -.00002 | .00000 |

OA252 (ARC 382-1-22) P90 (R3TL05) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES, ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1482/ 0 RN/L = 4.62 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .604 | .161 | 2372.60001 | 2110.70001 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .174 | 2376.60001 | 2110.89999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .245 | 2397.50000 | 2110.70001 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .317 | 2396.10001 | 2110.70001 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .388 | 2438.50000 | 2110.39999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .461 | 2461.70001 | 2110.70001 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .531 | 2464.79999 | 2110.50000 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .604 | 2505.00000 | 2110.79999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .677 | 2489.39999 | 2110.60001 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .752 | 2535.00000 | 2110.70001 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .827 | 2565.00000 | 2110.50000 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .903 | 2566.70001 | 2110.70001 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | .977 | 2566.10001 | 2110.50000 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | 1.057 | 2604.29999 | 2110.39999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | 1.135 | 2622.10001 | 2110.29999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | 1.217 | 2635.70001 | 2110.29999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | 1.297 | 2632.29999 | 2110.29999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | 1.379 | 2631.20001 | 2110.29999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | 1.463 | 2620.10001 | 2110.29999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | 1.550 | 2664.79999 | 2110.29999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | 1.631 | 2652.89999 | 2110.29999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| .604 | 1.717 | 2647.29999 | 2110.29999 | 2187.60001 | 2798.00000 | 78.72100 | 557.69000 | .00070 | 1536.00000 | 1025.00000 | 593.00000 |
| | GRADIENT | 194.26520 | -.33498 | .00083 | .00014 | .00002 | .00009 | .00000 | .00007 | -.00003 | .00002 |

OA252 (ARC 382-1-22) P90 (R3TL05) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1602/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.251 | .006 | 1185.89999 | 1157.39999 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .093 | 1222.70000 | 1157.60001 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .174 | 1241.89999 | 1163.60001 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .264 | 1265.39999 | 1165.30000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .346 | 1264.00000 | 1166.80000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .434 | 1308.70000 | 1154.50000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .520 | 1369.00000 | 1173.30000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .611 | 1402.60001 | 1171.10001 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .704 | 1454.70000 | 1169.60001 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .798 | 1483.30000 | 1170.50000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .893 | 1615.39999 | 1177.00000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | .990 | 1567.80000 | 1168.20000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.091 | 1770.39999 | 1171.10001 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.191 | 1864.30000 | 1172.80000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.293 | 1827.50000 | 1170.00000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.397 | 1969.60001 | 1172.80000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.504 | 1969.00000 | 1173.30000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.611 | 2007.50000 | 1179.20000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.718 | 2005.50000 | 1180.20000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.826 | 2031.80000 | 1183.20000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 1.933 | 2020.50000 | 1172.39999 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| 1.251 | 2.039 | 2039.20000 | 1171.70000 | 785.07000 | 2036.89999 | 71.86100 | 860.33000 | .00070 | 1227.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 498.23446 | 8.61401 | .00009 | .00017 | .00001 | .00013 | .00000 | -.00004 | -.00004 | -.00002 |

OA252 (ARC 382-1-22) P90 (R3TL10) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.390 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1471/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .603 | .007 | 2352.10001 | 2126.00000 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .074 | 2340.20001 | 2125.39999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .139 | 2394.50000 | 2129.00000 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .206 | 2399.60001 | 2138.60001 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .275 | 2453.39999 | 2137.50000 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .344 | 2458.20001 | 2130.00000 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .413 | 2532.89999 | 2133.00000 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .483 | 2564.00000 | 2140.70001 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .549 | 2573.29999 | 2143.10001 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .619 | 2605.79999 | 2135.29999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .690 | 2615.70001 | 2142.29999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .760 | 2628.50000 | 2138.70001 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .832 | 2640.10001 | 2137.70001 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .904 | 2629.89999 | 2143.29999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | .980 | 2650.50000 | 2136.29999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | 1.058 | 2641.20001 | 2140.39999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | 1.135 | 2649.70001 | 2141.70001 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | 1.214 | 2648.79999 | 2139.79999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | 1.290 | 2646.89999 | 2138.79999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | 1.369 | 2641.79999 | 2139.39999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | 1.447 | 2657.89999 | 2146.10001 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| .603 | 1.529 | 2644.29999 | 2145.39999 | 2191.79999 | 2801.50000 | 83.68700 | 557.18000 | 1.41470 | 1522.00000 | 1025.00000 | 593.00000 |
| | GRADIENT | 205.73814 | 9.12662 | .00038 | -.00008 | .00001 | .00010 | .00000 | .00008 | .00004 | .00002 |

OA252 (ARC 382-1-22) P90 (R3TL10) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.390 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1751/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .794 | .008 | 1579.60001 | 1513.70000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .103 | 1868.20000 | 1516.60001 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .192 | 1996.00000 | 1518.39999 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .285 | 2074.10001 | 1522.00000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .373 | 2187.79999 | 1523.80000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .467 | 2265.39999 | 1526.00000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .554 | 2296.79999 | 1531.00000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .648 | 2278.89999 | 1528.89999 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .737 | 2293.10001 | 1533.20000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .832 | 2332.10001 | 1534.89999 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | .929 | 2331.00000 | 1541.60001 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.030 | 2329.89999 | 1535.10001 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.135 | 2318.00000 | 1549.39999 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.241 | 2327.89999 | 1548.89999 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.348 | 2296.79999 | 1560.00000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.459 | 2323.89999 | 1546.30000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.569 | 2329.29999 | 1549.60001 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.680 | 2327.89999 | 1549.50000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.787 | 2333.50000 | 1549.39999 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.855 | 2332.10001 | 1547.00000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| .794 | 1.862 | 2322.50000 | 1552.00000 | 1535.50000 | 2326.89999 | 84.17300 | 677.71000 | 1.41370 | 1515.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 227.59180 | 20.74197 | -.00005 | .00010 | .00001 | .00005 | .00000 | -.00005 | -.00008 | -.00004 |

OA252 (ARC 382-1-22) P90 (R3TL10) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.390 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1761/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .900 | .009 | 1360.89999 | 1274.39999 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .104 | 1702.39999 | 1275.00000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .192 | 1784.39999 | 1286.39999 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .291 | 1835.30000 | 1286.20000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .380 | 1968.89999 | 1297.60001 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .476 | 2005.60001 | 1306.60001 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .568 | 2080.60001 | 1313.00000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .667 | 2165.50000 | 1316.20000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .762 | 2177.89999 | 1314.39999 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .865 | 2184.39999 | 1326.20000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | .968 | 2166.00000 | 1328.30000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | 1.074 | 2205.10001 | 1328.30000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | 1.180 | 2197.70001 | 1334.39999 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | 1.286 | 2190.89999 | 1344.60001 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | 1.393 | 2213.60001 | 1339.20000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | 1.505 | 2212.20001 | 1343.80000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | 1.615 | 2208.79999 | 1340.89999 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | 1.727 | 2210.50000 | 1346.60001 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | 1.830 | 2208.50000 | 1348.80000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| .900 | 1.872 | 2206.50000 | 1350.80000 | 1303.50000 | 2204.60001 | 90.68300 | 739.00000 | 1.41410 | 1529.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 303.04116 | 40.53602 | .00003 | .00052 | .00000 | .00000 | .00000 | .00000 | .00003 | .00001 |

OA252 (ARC 382-1-22) P90 (R3TL10) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.390 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1711/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.048 | .012 | 1134.60001 | 1068.80000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .106 | 1440.10001 | 1077.80000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .197 | 1556.70000 | 1079.50000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .292 | 1669.39999 | 1084.00000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .383 | 1814.70000 | 1093.00000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .477 | 1927.80000 | 1099.39999 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .564 | 1988.39999 | 1106.89999 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .661 | 2034.80000 | 1111.50000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .753 | 2044.10001 | 1117.60001 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .849 | 2043.00000 | 1120.89999 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | .947 | 2051.79999 | 1122.50000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.051 | 2048.89999 | 1132.30000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.156 | 2050.89999 | 1136.30000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.262 | 2050.89999 | 1138.89999 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.368 | 2049.50000 | 1141.89999 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.478 | 2048.89999 | 1150.39999 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.586 | 2052.00000 | 1151.89999 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.697 | 2048.10001 | 1148.60001 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.804 | 2049.20001 | 1161.50000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.886 | 2051.20001 | 1158.50000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.897 | 2052.00000 | 1150.30000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| 1.048 | 1.898 | 2050.89999 | 1162.70000 | 1022.00000 | 2048.29999 | 71.51200 | 785.95000 | 1.41490 | 1442.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 289.89837 | 46.32528 | -.00002 | .00034 | .00001 | .00013 | .00000 | .00000 | -.00002 | -.00002 |

OA252 (ARC 382-1-22) P90 (R3TL10) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.390 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1681/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.100 | .010 | 1063.70000 | 1046.20000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .106 | 1424.39999 | 1035.60001 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .190 | 1558.80000 | 1059.50000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .280 | 1652.70000 | 1045.60001 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .362 | 1803.80000 | 1064.50000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .454 | 1876.20000 | 1053.20000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .535 | 1995.00000 | 1060.10001 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .627 | 2043.10001 | 1076.20000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .717 | 2057.29999 | 1071.70000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .809 | 2060.10001 | 1075.20000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | .907 | 2060.10001 | 1106.70000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.007 | 2059.79999 | 1106.30000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.112 | 2064.10001 | 1094.20000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.216 | 2061.79999 | 1100.70000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.322 | 2063.79999 | 1117.50000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.429 | 2062.89999 | 1121.60001 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.540 | 2063.79999 | 1119.10001 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.650 | 2058.70001 | 1121.80000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.760 | 2061.79999 | 1115.30000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.860 | 2063.20001 | 1118.80000 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| 1.100 | 1.896 | 2064.10001 | 1132.60001 | 965.42000 | 2061.70001 | 71.54700 | 817.88000 | 1.41420 | 1414.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 329.84210 | 48.49666 | .00013 | .00026 | .00001 | .00023 | .00000 | .00000 | -.00003 | .00000 |

OA252 (ARC 382-1-22) P90 (R3TL10) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.390 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1631/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.252 | .009 | 911.94000 | 830.58000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | .111 | 1298.70000 | 840.48000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | .212 | 1449.70000 | 847.48000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | .315 | 1563.50000 | 860.29000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | .415 | 1760.39999 | 879.70000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | .514 | 1907.50000 | 890.50000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | .612 | 1991.80000 | 900.11000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | .713 | 2030.20000 | 910.71000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | .816 | 2026.80000 | 920.02000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | .922 | 2043.50000 | 931.52000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.029 | 2048.29999 | 941.22000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.140 | 2051.50000 | 945.53000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.249 | 2051.70001 | 951.93000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.360 | 2052.29999 | 959.53000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.472 | 2051.70001 | 967.93000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.585 | 2051.70001 | 962.73000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.697 | 2051.20001 | 970.84000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.803 | 2050.29999 | 969.04000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.855 | 2048.10001 | 970.14000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.860 | 2049.20001 | 965.04000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.862 | 2049.20001 | 970.14000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| 1.252 | 1.865 | 2048.89999 | 964.23000 | 795.68000 | 2068.10001 | 83.65200 | 873.77000 | 1.41440 | 1333.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 364.95966 | 71.29023 | .00010 | .00033 | .00001 | .00021 | .00000 | .00000 | -.00004 | .00000 |

OA252 (ARC 382-1-22) P90

(R3TL10) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.390 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1581/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.400 | .008 | 750.12000 | 671.23000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .073 | 1094.70000 | 679.23000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .128 | 1226.50000 | 685.73000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .189 | 1309.70000 | 686.63000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .249 | 1450.60001 | 696.34000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .309 | 1528.39999 | 706.44000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .365 | 1615.20000 | 712.75000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .425 | 1761.80000 | 719.05000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .483 | 1854.00000 | 728.45000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .538 | 1915.10001 | 734.66000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .594 | 1937.70000 | 741.06000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .655 | 1981.30000 | 748.96000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .711 | 1996.60001 | 752.46000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .772 | 2001.10001 | 755.46000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .836 | 2003.89999 | 759.07000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .900 | 2007.89999 | 766.67000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | .964 | 2005.10001 | 768.87000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | 1.031 | 2005.60001 | 768.87000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | 1.100 | 2009.30000 | 778.68000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | 1.168 | 2008.50000 | 776.77000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | 1.237 | 2010.20000 | 781.28000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| 1.400 | 1.308 | 2008.20000 | 781.48000 | 660.59000 | 2101.29999 | 76.53000 | 905.89000 | 1.24730 | 1206.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 787.72060 | 90.03886 | .00008 | .00054 | .00000 | .00032 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 (R3TL11) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.331 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1472/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .601 | .008 | 2352.50000 | 2117.70001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .076 | 2334.39999 | 2123.70001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .144 | 2390.39999 | 2129.70001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .216 | 2415.29999 | 2125.29999 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .289 | 2458.00000 | 2126.70001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .358 | 2483.20001 | 2128.70001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .430 | 2500.70001 | 2129.00000 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .502 | 2559.60001 | 2133.50000 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .570 | 2547.70001 | 2133.60001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .645 | 2609.10001 | 2136.39999 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .716 | 2618.70001 | 2141.29999 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .790 | 2622.10001 | 2140.50000 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .864 | 2636.00000 | 2135.10001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | .939 | 2641.60001 | 2133.39999 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | 1.016 | 2640.50000 | 2128.70001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | 1.096 | 2643.60001 | 2134.89999 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | 1.176 | 2645.00000 | 2134.10001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | 1.257 | 2611.89999 | 2132.29999 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | 1.335 | 2648.70001 | 2131.10001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | 1.417 | 2637.39999 | 2134.60001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | 1.500 | 2644.50000 | 2131.29999 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| .601 | 1.582 | 2639.70001 | 2143.70001 | 2190.39999 | 2797.29999 | 83.79100 | 554.78000 | 1.41460 | 1525.00000 | 1025.00000 | 593.00000 |
| | GRADIENT | 192.26549 | 7.47525 | .00036 | .00036 | -.00000 | .00014 | .00000 | .00000 | .00000 | -.00004 |

OA252 (ARC 382-1-22) P90 (R3TL11) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.331 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1582/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.398 | .004 | 762.28000 | 688.03000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .070 | 1087.89999 | 692.04000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .129 | 1225.70000 | 695.34000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .192 | 1335.20000 | 704.24000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .257 | 1464.20000 | 711.04000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .321 | 1537.70000 | 718.05000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .384 | 1699.00000 | 726.25000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .449 | 1812.10001 | 732.65000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .510 | 1891.10001 | 740.56000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .571 | 1933.50000 | 748.96000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .636 | 1980.39999 | 756.06000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .701 | 1996.60001 | 765.27000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .766 | 2002.20000 | 769.47000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .835 | 2007.00000 | 770.37000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .902 | 2007.89999 | 774.67000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | .971 | 2009.30000 | 784.08000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | 1.042 | 2007.89999 | 787.28000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | 1.113 | 2007.60001 | 785.68000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | 1.184 | 2012.70000 | 789.38000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | 1.256 | 2014.10001 | 790.68000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | 1.328 | 2013.80000 | 793.28000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| 1.398 | 1.402 | 2013.00000 | 793.68000 | 663.42000 | 2104.79999 | 83.82600 | 907.38000 | 1.24710 | 1209.00000 | 1029.00000 | 593.00000 |
| | GRADIENT | 711.31541 | 83.24089 | .00011 | .00046 | .00002 | .00028 | .00000 | -.00009 | -.00005 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL17) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1182/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .596 | .008 | 2323.10001 | 2184.50000 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .105 | 2401.39999 | 2177.79999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .194 | 2450.10001 | 2182.50000 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .288 | 2474.20001 | 2212.39999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .375 | 2483.79999 | 2185.39999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .469 | 2514.60001 | 2186.39999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .554 | 2536.10001 | 2216.50000 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .649 | 2578.00000 | 2188.10001 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .743 | 2605.39999 | 2185.29999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .844 | 2631.70001 | 2187.70001 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | .946 | 2618.10001 | 2195.39999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 1.051 | 2617.89999 | 2198.60001 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 1.158 | 2631.70001 | 2194.20001 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 1.265 | 2637.10001 | 2190.39999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 1.371 | 2656.29999 | 2193.20001 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 1.483 | 2644.50000 | 2191.70001 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 1.595 | 2663.70001 | 2191.79999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 1.708 | 2663.70001 | 2190.70001 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 1.819 | 2665.70001 | 2196.39999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 1.935 | 2653.20001 | 2193.20001 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 2.046 | 2660.00000 | 2205.39999 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| .596 | 2.159 | 2669.39999 | 2192.60001 | 2160.00000 | 2746.29999 | 71.96600 | 536.92000 | .00050 | 1337.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 130.22324 | 3.37670 | .00000 | .00038 | .00001 | .00006 | .00000 | .00000 | -.00002 | -.00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL17) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1191/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .799 | .008 | 1711.20000 | 1548.60001 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .107 | 1815.30000 | 1562.00000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .196 | 1847.20000 | 1548.89999 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .293 | 1906.60001 | 1555.10001 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .385 | 1943.70000 | 1547.50000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .484 | 1960.70000 | 1555.50000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .577 | 1988.70000 | 1556.80000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .680 | 2037.10001 | 1574.10001 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .778 | 2078.10001 | 1578.89999 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .885 | 2066.50000 | 1566.89999 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | .988 | 2114.00000 | 1567.10001 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 1.099 | 2102.70001 | 1556.50000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 1.205 | 2121.89999 | 1585.89999 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 1.315 | 2159.79999 | 1587.50000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 1.425 | 2142.29999 | 1581.89999 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 1.542 | 2161.50000 | 1577.50000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 1.656 | 2171.10001 | 1574.50000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 1.774 | 2174.29999 | 1592.80000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 1.888 | 2175.70001 | 1570.10001 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 2.005 | 2180.79999 | 1577.80000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 2.118 | 2174.00000 | 1567.80000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| .799 | 2.233 | 2149.60001 | 1577.70000 | 1492.30000 | 2273.20001 | 74.85800 | 667.29000 | .00050 | 1355.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 176.80898 | 13.39064 | .00032 | .00021 | .00001 | .00011 | .00000 | -.00004 | .00000 | -.00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL17) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1201/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .898 | .009 | 1529.20000 | 1370.80000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | .110 | 1659.89999 | 1379.00000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | .206 | 1717.10001 | 1370.00000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | .307 | 1772.50000 | 1369.89999 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | .405 | 1792.89999 | 1365.89999 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | .508 | 1815.00000 | 1384.20000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | .608 | 1915.70000 | 1386.50000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | .714 | 1972.80000 | 1372.70000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | .819 | 1933.20000 | 1390.80000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | .929 | 1984.70000 | 1375.80000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 1.040 | 2033.89999 | 1391.30000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 1.154 | 2041.60001 | 1384.00000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 1.265 | 2066.50000 | 1386.80000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 1.378 | 2054.60001 | 1390.30000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 1.494 | 2084.89999 | 1392.20000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 1.612 | 2086.00000 | 1389.89999 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 1.727 | 2079.20001 | 1386.80000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 1.845 | 2091.39999 | 1383.20000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 1.961 | 2087.39999 | 1401.30000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 2.078 | 2090.20001 | 1391.50000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 2.192 | 2060.79999 | 1380.00000 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| .898 | 2.308 | 2081.70001 | 1398.89999 | 1296.39999 | 2188.29999 | 78.75600 | 732.03000 | .00100 | 1406.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 203.08647 | 9.61126 | .00017 | .00026 | .00001 | .00013 | .00000 | .00003 | .00003 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL17) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1211/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.056 | .008 | 1287.20000 | 1135.60001 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | .110 | 1428.70000 | 1143.00000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | .206 | 1506.70000 | 1143.70000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | .309 | 1606.60001 | 1149.70000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | .409 | 1618.80000 | 1139.20000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | .511 | 1664.89999 | 1178.20000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | .611 | 1770.70000 | 1155.30000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | .718 | 1789.60001 | 1151.00000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | .824 | 1866.89999 | 1165.30000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | .934 | 1904.20000 | 1161.30000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 1.043 | 1924.30000 | 1192.80000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 1.156 | 1871.10001 | 1170.20000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 1.268 | 1926.60001 | 1192.20000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 1.382 | 1968.20000 | 1197.60001 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 1.499 | 1994.50000 | 1180.00000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 1.616 | 1995.30000 | 1180.20000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 1.732 | 1995.00000 | 1200.00000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 1.852 | 1993.30000 | 1210.70000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 1.969 | 2002.89999 | 1198.39999 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 2.087 | 2001.80000 | 1172.80000 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 2.201 | 2002.10001 | 1176.39999 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| 1.056 | 2.319 | 1995.30000 | 1174.60001 | 1038.30000 | 2100.60001 | 82.47300 | 810.43000 | .00080 | 1438.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 264.62370 | 22.70920 | .00020 | .00039 | .00001 | .00008 | .00000 | -.00003 | -.00003 | -.00000 |

OA252 (ARC 382-1-22) P90 + A

(R3TL17) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1391/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.100 | .004 | 1297.00000 | 1196.89999 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .073 | 1300.10001 | 1196.70000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .137 | 1371.39999 | 1196.60001 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .202 | 1398.00000 | 1196.10001 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .269 | 1447.50000 | 1196.10001 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .334 | 1502.89999 | 1195.50000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .401 | 1477.50000 | 1195.50000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .469 | 1564.60001 | 1195.10001 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .531 | 1596.30000 | 1195.70000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .596 | 1657.39999 | 1195.10001 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .663 | 1685.70000 | 1195.50000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .730 | 1707.20000 | 1194.89999 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .800 | 1732.89999 | 1195.50000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .874 | 1743.70000 | 1194.89999 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | .944 | 1772.20000 | 1195.20000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.018 | 1833.60001 | 1194.89999 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.094 | 1839.60001 | 1195.50000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.171 | 1833.60001 | 1194.89999 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.250 | 1898.10001 | 1195.70000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.329 | 1901.20000 | 1194.89999 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.407 | 1856.50000 | 1195.80000 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.492 | 1913.10001 | 1195.10001 | 984.52000 | 2102.70001 | 83.09700 | 834.20000 | .00000 | 1328.00000 | 1025.00000 | 93.00000 |
| | GRADIENT | 435.38496 | -.88954 | .00037 | .00041 | -.00000 | .00020 | .00000 | .00004 | -.00004 | -.00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL17) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1173/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.252 | .005 | 1053.00000 | 861.66000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | .107 | 1242.80000 | 861.96000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | .205 | 1327.89999 | 871.66000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | .307 | 1377.39999 | 879.86000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | .410 | 1471.39999 | 891.47000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | .513 | 1563.60001 | 910.48000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | .615 | 1619.60001 | 906.08000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | .722 | 1665.70000 | 911.18000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | .830 | 1761.30000 | 926.78000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | .942 | 1814.20000 | 929.29000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 1.052 | 1830.70000 | 937.59000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 1.165 | 1835.20000 | 912.88000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 1.275 | 1926.30000 | 945.29000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 1.385 | 1938.39999 | 951.00000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 1.501 | 1942.10001 | 959.70000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 1.618 | 1941.60001 | 954.90000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 1.733 | 1946.60001 | 958.80000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 1.850 | 1945.50000 | 964.90000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 1.966 | 1944.70000 | 967.50000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 2.081 | 1944.39999 | 979.51000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 2.195 | 1944.10001 | 989.51000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| 1.252 | 2.311 | 1938.20000 | 973.21000 | 796.39000 | 2068.10001 | 78.37300 | 873.62000 | .00030 | 1121.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 340.41131 | 52.61813 | .00015 | .00033 | .00002 | .00005 | .00000 | -.00003 | -.00007 | -.00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL17) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1162/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.398 | .007 | 922.12000 | 723.13000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .103 | 1117.60001 | 725.64000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .191 | 1229.30000 | 772.96000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .287 | 1314.80000 | 763.55000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .379 | 1344.50000 | 776.16000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .474 | 1450.89999 | 785.96000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .569 | 1553.80000 | 790.26000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .671 | 1634.50000 | 798.17000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .774 | 1727.00000 | 800.37000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .884 | 1762.60001 | 816.18000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | .992 | 1821.50000 | 811.17000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 1.105 | 1874.10001 | 830.18000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 1.218 | 1901.80000 | 817.96000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 1.331 | 1913.10001 | 836.69000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 1.446 | 1923.89999 | 847.49000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 1.565 | 1923.30000 | 831.18000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 1.681 | 1921.89999 | 837.79000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 1.799 | 1925.00000 | 844.39000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 1.917 | 1923.60001 | 848.89000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 2.033 | 1924.39999 | 840.59000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 2.149 | 1927.30000 | 853.89000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| 1.398 | 2.263 | 1927.30000 | 848.39000 | 666.25000 | 2114.70001 | 77.50400 | 911.65000 | .00030 | 1080.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 391.39450 | 50.61464 | .00002 | .00027 | .00000 | .00015 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL18) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1183/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .596 | .008 | 2323.89999 | 2175.79999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .105 | 2412.20001 | 2173.39999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .195 | 2445.60001 | 2179.60001 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .292 | 2474.20001 | 2177.89999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .383 | 2455.20001 | 2188.10001 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .481 | 2537.00000 | 2188.39999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .571 | 2532.39999 | 2190.79999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .675 | 2570.29999 | 2193.60001 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .775 | 2603.39999 | 2193.79999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .881 | 2561.60001 | 2194.29999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | .985 | 2597.20001 | 2196.89999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 1.095 | 2638.20001 | 2193.20001 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 1.203 | 2628.60001 | 2195.39999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 1.313 | 2622.39999 | 2198.39999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 1.422 | 2621.00000 | 2198.50000 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 1.539 | 2649.50000 | 2207.39999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 1.651 | 2651.79999 | 2218.70001 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 1.767 | 2664.29999 | 2218.70001 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 1.882 | 2650.70001 | 2214.70001 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 1.998 | 2658.29999 | 2219.79999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 2.112 | 2660.29999 | 2215.39999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| .596 | 2.226 | 2655.20001 | 2208.29999 | 2155.79999 | 2742.10001 | 70.67500 | 536.83000 | .00050 | 1340.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 123.76566 | 19.39618 | .00021 | .00050 | .00001 | .00009 | .00000 | -.00004 | .00000 | -.00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL18) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1192/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .800 | .008 | 1717.70000 | 1536.10001 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | .109 | 1817.80000 | 1539.30000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | .205 | 1858.50000 | 1543.50000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | .308 | 1906.60001 | 1534.80000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | .408 | 1950.50000 | 1545.20000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | .511 | 1960.70000 | 1547.50000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | .615 | 1990.89999 | 1542.00000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | .722 | 2044.70000 | 1548.20000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | .829 | 2048.10001 | 1550.60001 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | .938 | 2102.70001 | 1546.80000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 1.047 | 2124.50000 | 1550.89999 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 1.161 | 2132.70001 | 1556.30000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 1.272 | 2171.70001 | 1560.10001 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 1.386 | 2153.00000 | 1551.89999 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 1.503 | 2169.20001 | 1552.30000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 1.620 | 2157.89999 | 1557.20000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 1.735 | 2129.60001 | 1561.10001 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 1.852 | 2146.00000 | 1556.89999 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 1.969 | 2176.20001 | 1561.70000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 2.085 | 2180.20001 | 1559.50000 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 2.197 | 2177.89999 | 1557.89999 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| .800 | 2.314 | 2173.39999 | 1553.89999 | 1490.20000 | 2272.50000 | 75.97300 | 668.21000 | .00030 | 1379.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 168.64003 | 9.75106 | .00007 | .00000 | .00001 | .00007 | .00000 | .00000 | -.00003 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL18) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1202/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .899 | .008 | 1536.20000 | 1390.30000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | .110 | 1660.10001 | 1369.89999 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | .207 | 1719.20000 | 1392.70000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | .312 | 1767.89999 | 1368.70000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | .417 | 1785.70000 | 1375.20000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | .520 | 1840.89999 | 1370.10001 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | .622 | 1875.10001 | 1372.70000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | .729 | 1980.89999 | 1389.50000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | .836 | 1963.39999 | 1374.39999 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | .946 | 1989.70000 | 1391.60001 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 1.057 | 1984.89999 | 1402.70000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 1.171 | 2032.89999 | 1394.70000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 1.284 | 2048.79999 | 1411.00000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 1.398 | 2082.20001 | 1386.50000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 1.515 | 2078.20001 | 1380.10001 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 1.632 | 2064.29999 | 1394.10001 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 1.747 | 2084.20001 | 1405.50000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 1.864 | 2079.29999 | 1392.89999 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 1.981 | 2078.79999 | 1387.89999 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 2.097 | 2092.39999 | 1400.20000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 2.211 | 2087.00000 | 1405.70000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| .899 | 2.328 | 2093.50000 | 1392.00000 | 1295.00000 | 2189.00000 | 78.33900 | 733.36000 | .00080 | 1410.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 203.51259 | 10.08925 | .00003 | .00000 | .00001 | .00003 | .00000 | .00003 | .00003 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL18) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1392/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.100 | .006 | 1302.99999 | 1192.50000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .078 | 1312.50000 | 1192.30000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .149 | 1361.50000 | 1192.39999 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .224 | 1423.10001 | 1191.89999 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .297 | 1449.70000 | 1191.89999 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .371 | 1519.60001 | 1191.50000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .445 | 1553.00000 | 1191.70000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .517 | 1594.00000 | 1191.20000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .586 | 1642.39999 | 1191.20000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .662 | 1633.60001 | 1191.10001 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .735 | 1692.50000 | 1191.10001 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .810 | 1727.80000 | 1190.89999 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .885 | 1786.39999 | 1190.89999 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | .961 | 1765.70000 | 1190.70000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.040 | 1857.10001 | 1190.89999 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.121 | 1828.20000 | 1190.70000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.200 | 1867.89999 | 1190.39999 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.281 | 1878.00000 | 1190.70000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.363 | 1895.60001 | 1190.50000 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.447 | 1919.89999 | 1190.60001 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.532 | 1908.00000 | 1190.60001 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| 1.100 | 1.616 | 1916.50000 | 1190.10001 | 983.81000 | 2101.29999 | 82.78500 | 833.66000 | .00000 | 1331.00000 | 1025.00000 | 93.00000 |
| | GRADIENT | 409.99923 | -1.29940 | .00028 | .00041 | .00002 | .00021 | .00000 | .00003 | .00000 | -.00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL19) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1021/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .604 | .012 | 2193.39999 | 2391.39999 | 2162.10001 | 2766.79999 | 77.95600 | 552.41000 | .00020 | 2234.00000 | 1016.00000 | 93.00000 |
| | GRADIENT | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL19) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .000 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1024/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .803 | .012 | 1520.10001 | 1768.50000 | 1501.50000 | 2295.79999 | 77.46900 | 677.78000 | .00000 | 2315.00000 | 1016.00000 | 93.00000 |
| .803 | .014 | 1542.10001 | 1772.20000 | 1501.50000 | 2295.79999 | 77.46900 | 677.78000 | .00000 | 2315.00000 | 1016.00000 | 93.00000 |
| | GRADIENT | 8800.05347 | 1479.95073 | .00000 | .00000 | .00000 | .00000 | .00000 | -.15259 | .00000 | .00000 |

RUN NO. 1025/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .904 | .012 | 1356.00000 | 1583.60001 | 1285.10001 | 2184.00000 | 79.59000 | 735.84000 | .00000 | 2320.00000 | 1016.00000 | 93.00000 |
| .904 | .014 | 1376.30000 | 1615.70000 | 1285.10001 | 2184.00000 | 79.59000 | 735.84000 | .00000 | 2320.00000 | 1016.00000 | 93.00000 |
| | GRADIENT | 9227.39746 | 14591.03162 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

RUN NO. 1221/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.103 | .007 | 1230.30000 | 1054.39999 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | .107 | 1386.20000 | 1050.39999 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | .202 | 1494.60001 | 1076.80000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | .302 | 1534.70000 | 1060.39999 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | .400 | 1613.10001 | 1070.30000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | .501 | 1666.00000 | 1077.89999 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | .599 | 1705.89999 | 1073.00000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | .704 | 1812.30000 | 1083.30000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | .806 | 1818.20000 | 1103.50000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | .914 | 1874.50000 | 1082.70000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 1.023 | 1911.89999 | 1081.50000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 1.134 | 1977.20000 | 1101.50000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 1.245 | 1970.39999 | 1098.00000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 1.358 | 2004.10001 | 1104.39999 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 1.473 | 2008.00000 | 1113.10001 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 1.591 | 2008.89999 | 1125.80000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 1.705 | 2006.89999 | 1103.30000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 1.821 | 2006.60001 | 1114.00000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 1.936 | 2012.00000 | 1120.39999 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 2.052 | 2000.10001 | 1122.60001 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 2.166 | 2008.00000 | 1142.00000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| 1.103 | 2.281 | 2013.10001 | 1138.80000 | 985.93000 | 2112.60001 | 81.70900 | 839.40000 | .00100 | 1450.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 297.33007 | 35.21043 | .00010 | .00034 | .00000 | .00014 | .00000 | .00003 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL20) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .002 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1222/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.100 | .008 | 1235.60001 | 1051.70000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | .109 | 1408.10001 | 1060.10001 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | .209 | 1509.10001 | 1076.30000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | .314 | 1581.30000 | 1059.10001 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | .416 | 1628.00000 | 1066.10001 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | .520 | 1690.80000 | 1062.60001 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | .623 | 1681.39999 | 1082.89999 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | .731 | 1736.89999 | 1086.80000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | .839 | 1798.00000 | 1092.39999 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | .950 | 1883.10001 | 1088.80000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 1.060 | 1915.39999 | 1101.20000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 1.174 | 1937.20000 | 1096.70000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 1.285 | 1969.70000 | 1109.60001 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 1.399 | 1985.80000 | 1112.10001 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 1.517 | 2006.80000 | 1114.80000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 1.636 | 1983.60001 | 1118.30000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 1.752 | 2012.39999 | 1137.30000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 1.871 | 2010.70000 | 1122.30000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 1.988 | 2009.60001 | 1118.80000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 2.106 | 2009.60001 | 1123.30000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 2.219 | 2014.39999 | 1138.10001 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| 1.100 | 2.337 | 2009.60001 | 1142.30000 | 990.18000 | 2113.29999 | 80.66700 | 838.14000 | .00170 | 1504.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 285.55240 | 36.92235 | .00013 | .00032 | .00001 | .00018 | .00000 | .00000 | -.00003 | -.00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL26) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.305 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1311/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .602 | .010 | 2305.50000 | 2149.39999 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .067 | 2379.10001 | 2148.70001 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .114 | 2424.39999 | 2151.39999 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .160 | 2470.20001 | 2154.00000 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .209 | 2500.20001 | 2150.00000 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .259 | 2478.39999 | 2150.00000 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .307 | 2549.70001 | 2146.79999 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .353 | 2568.89999 | 2152.79999 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .403 | 2594.70001 | 2159.10001 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .454 | 2623.20001 | 2153.60001 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .503 | 2632.00000 | 2159.10001 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .549 | 2641.29999 | 2155.10001 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .598 | 2633.10001 | 2150.70001 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .653 | 2660.60001 | 2152.00000 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .707 | 2647.29999 | 2157.50000 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .758 | 2645.29999 | 2163.79999 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .811 | 2644.70001 | 2153.39999 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .867 | 2651.00000 | 2163.00000 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .921 | 2650.70001 | 2158.39999 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | .976 | 2637.89999 | 2165.60001 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | 1.032 | 2656.89999 | 2160.70001 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| .602 | 1.093 | 2662.00000 | 2160.39999 | 2152.20001 | 2749.20001 | 80.32000 | 545.68000 | .84620 | 1112.00000 | 1023.00000 | 93.00000 |
| | GRADIENT | 270.23870 | 12.35823 | .00062 | .00093 | .00002 | .00016 | .00000 | .00008 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL26) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.305 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1242/ 0 RN/L = 4.63 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .802 | .007 | 1819.60001 | 1632.20000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .048 | 1884.70000 | 1617.30000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .093 | 1966.80000 | 1632.20000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .139 | 1998.39999 | 1621.70000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .184 | 2091.20001 | 1621.30000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .235 | 2098.00000 | 1616.10001 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .285 | 2168.20001 | 1630.39999 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .335 | 2236.60001 | 1636.10001 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .384 | 2253.29999 | 1632.60001 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .434 | 2299.39999 | 1643.39999 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .486 | 2317.50000 | 1649.00000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .533 | 2322.60001 | 1635.60001 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .581 | 2319.20001 | 1640.50000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .633 | 2339.29999 | 1665.00000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .684 | 2335.70001 | 1655.39999 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .737 | 2339.60001 | 1655.39999 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .791 | 2348.70001 | 1667.60001 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .847 | 2345.79999 | 1671.30000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .901 | 2348.39999 | 1673.30000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | .956 | 2344.70001 | 1674.50000 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | 1.010 | 2343.00000 | 1679.60001 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| .802 | 1.065 | 2349.79999 | 1675.10001 | 1599.10001 | 2441.50000 | 92.82600 | 719.23000 | 1.21060 | 1533.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 443.28345 | 59.36782 | .00039 | -.00016 | .00003 | .00012 | .00000 | .00000 | -.00004 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL26) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.305 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1231/ 0 RN/L = 4.38 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .901 | .006 | 1542.80000 | 1313.30000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .058 | 1656.50000 | 1311.00000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .106 | 1725.00000 | 1316.00000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .155 | 1808.70000 | 1324.10001 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .207 | 1856.80000 | 1313.10001 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .261 | 1927.30000 | 1321.00000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .313 | 1986.70000 | 1329.80000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .363 | 1995.50000 | 1332.60001 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .413 | 2078.89999 | 1336.39999 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .466 | 2072.39999 | 1344.30000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .515 | 2094.50000 | 1347.00000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .563 | 2121.10001 | 1354.39999 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .612 | 2121.10001 | 1355.80000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .665 | 2122.50000 | 1357.50000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .717 | 2107.50000 | 1366.70000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .768 | 2124.50000 | 1370.50000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .821 | 2124.50000 | 1370.80000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .874 | 2101.29999 | 1365.89999 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .926 | 2128.70001 | 1379.39999 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | .979 | 2121.60001 | 1384.70000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | 1.031 | 2124.50000 | 1372.80000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| .901 | 1.086 | 2121.60001 | 1376.30000 | 1317.60001 | 2230.00000 | 99.34500 | 748.08000 | 1.41240 | 1519.00000 | 1022.00000 | 93.00000 |
| | GRADIENT | 443.30907 | 71.35393 | .00038 | .00000 | .00005 | .00023 | .00000 | -.00008 | -.00008 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL26) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.305 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1361/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.050 | .005 | 1395.80000 | 1093.10001 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .078 | 1415.39999 | 1096.00000 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .151 | 1489.80000 | 1101.60001 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .229 | 1623.00000 | 1105.50000 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .305 | 1723.20000 | 1116.70000 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .379 | 1810.60001 | 1123.89999 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .454 | 1869.10001 | 1129.50000 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .528 | 1917.20000 | 1137.50000 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .602 | 1960.80000 | 1144.70000 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .680 | 1979.50000 | 1162.89999 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .756 | 1986.30000 | 1159.89999 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .835 | 1985.10001 | 1167.10001 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .912 | 1984.60001 | 1171.10001 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | .993 | 1983.70000 | 1178.39999 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | 1.074 | 1988.00000 | 1179.39999 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | 1.157 | 1983.70000 | 1181.00000 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | 1.239 | 1980.60001 | 1179.60001 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | 1.323 | 1986.80000 | 1196.50000 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | 1.405 | 1986.50000 | 1197.10001 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | 1.493 | 1985.10001 | 1200.89999 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | 1.576 | 1981.39999 | 1198.20000 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| 1.050 | 1.663 | 1984.00000 | 1204.60001 | 1075.10001 | 2159.29999 | 89.81900 | 829.62000 | 1.41560 | 1524.00000 | 1024.00000 | 93.00000 |
| | GRADIENT | 310.05720 | 71.11809 | .00019 | .00045 | -.00000 | .00000 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL26) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.305 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1351/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.101 | .008 | 1367.80000 | 1055.30000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .082 | 1386.80000 | 1056.20000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .155 | 1491.80000 | 1057.80000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .235 | 1602.89999 | 1066.30000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .310 | 1720.10001 | 1080.10001 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .386 | 1830.10001 | 1083.30000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .462 | 1901.70000 | 1095.30000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .536 | 1964.50000 | 1099.39999 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .609 | 1986.30000 | 1110.39999 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .687 | 1988.80000 | 1121.00000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .762 | 1995.89999 | 1125.20000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .842 | 1995.89999 | 1137.70000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .919 | 1996.20000 | 1142.39999 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | .999 | 1995.30000 | 1151.39999 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | 1.082 | 1990.50000 | 1162.50000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | 1.167 | 1995.60001 | 1160.00000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | 1.247 | 1994.50000 | 1157.50000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | 1.331 | 1990.50000 | 1150.80000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | 1.412 | 1994.50000 | 1172.20000 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | 1.499 | 1995.30000 | 1171.39999 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | 1.578 | 1991.10001 | 1183.10001 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| 1.101 | 1.660 | 1994.50000 | 1167.10001 | 1017.10000 | 2173.39999 | 92.72200 | 862.49000 | 1.41470 | 1509.00000 | 1024.00000 | 93.00000 |
| | GRADIENT | 321.80247 | 80.93865 | .00013 | .00026 | .00000 | .00003 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL26) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.305 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1372/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.248 | .146 | 1307.60001 | 844.06000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .161 | 1357.39999 | 851.46000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .239 | 1506.20000 | 860.27000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .319 | 1630.60001 | 868.47000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .396 | 1769.80000 | 892.88000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .475 | 1870.00000 | 887.88000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .552 | 1901.70000 | 903.79000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .632 | 1918.89999 | 921.30000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .711 | 1926.60001 | 930.20000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .793 | 1925.10001 | 923.50000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .875 | 1929.39999 | 943.71000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | .957 | 1924.30000 | 941.81000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.039 | 1929.39999 | 948.21000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.125 | 1928.00000 | 958.21000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.210 | 1926.60001 | 959.41000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.295 | 1928.80000 | 968.92000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.378 | 1931.60001 | 971.42000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.468 | 1930.00000 | 979.62000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.554 | 1932.80000 | 976.52000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.641 | 1932.20000 | 980.42000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.727 | 1931.39999 | 982.42000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| 1.248 | 1.810 | 1928.50000 | 981.52000 | 822.55000 | 2126.10001 | 97.34700 | 897.28000 | 1.41470 | 1534.00000 | 1024.00000 | 93.00000 |
| | GRADIENT | 260.43349 | 83.39788 | .00018 | .00054 | .00000 | .00024 | .00000 | -.00006 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL26) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.305 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1382/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.392 | .009 | 1042.50000 | 707.34000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .082 | 1072.80000 | 711.94000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .153 | 1254.70000 | 720.55000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .227 | 1385.10001 | 724.15000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .300 | 1545.80000 | 733.55000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .374 | 1650.70000 | 742.16000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .448 | 1799.50000 | 753.56000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .520 | 1841.10001 | 759.76000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .593 | 1891.50000 | 769.97000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .668 | 1891.80000 | 774.97000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .744 | 1896.80000 | 782.87000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .822 | 1893.20000 | 786.88000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .898 | 1896.80000 | 790.28000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | .977 | 1892.60001 | 796.68000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | 1.057 | 1897.39999 | 798.98000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | 1.138 | 1894.89999 | 802.88000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | 1.219 | 1897.39999 | 807.18000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | 1.302 | 1892.89999 | 802.58000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | 1.383 | 1894.30000 | 808.69000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | 1.470 | 1890.30000 | 807.79000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | 1.554 | 1895.70000 | 811.39000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| 1.392 | 1.639 | 1893.70000 | 809.19000 | 682.52000 | 2146.60001 | 100.00000 | 925.20000 | 1.41840 | 1118.00000 | 1025.00000 | 93.00000 |
| | GRADIENT | 432.93914 | 67.33622 | .00013 | .00054 | -.00000 | .00010 | .00000 | -.00003 | .00000 | -.00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL27) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.397 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1352/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.099 | .008 | 1365.39999 | 1056.00000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .083 | 1384.10001 | 1054.20000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .158 | 1493.60001 | 1065.70000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .238 | 1620.30000 | 1068.80000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .315 | 1742.50000 | 1081.89999 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .394 | 1832.50000 | 1090.20000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .473 | 1896.70000 | 1100.30000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .550 | 1964.30000 | 1108.60001 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .628 | 1992.60001 | 1117.20000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .709 | 1964.10001 | 1116.60001 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .785 | 1995.20000 | 1126.00000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .868 | 1995.50000 | 1134.30000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | .949 | 1990.60001 | 1142.60001 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | 1.031 | 1994.60001 | 1152.60001 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | 1.115 | 1994.30000 | 1144.60001 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | 1.201 | 1991.20000 | 1159.39999 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | 1.284 | 1994.30000 | 1162.20000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | 1.370 | 1991.50000 | 1161.00000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | 1.457 | 1995.70000 | 1163.00000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | 1.545 | 1994.30000 | 1174.39999 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | 1.631 | 1995.50000 | 1179.00000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| 1.099 | 1.719 | 1995.50000 | 1182.30000 | 1018.50000 | 2172.00000 | 93.06800 | 861.11000 | 1.41470 | 1513.00000 | 1024.00000 | 93.00000 |
| | GRADIENT | 308.69208 | 77.17255 | .00000 | .00006 | .00002 | .00012 | .00000 | .00006 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A (R3TL27) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.397 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1383/ 0 RN/L = 4.36 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.395 | .005 | 1039.10001 | 708.34000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .078 | 1068.00000 | 714.84000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .154 | 1236.60001 | 721.85000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .231 | 1388.20000 | 728.35000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .309 | 1565.89999 | 735.95000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .387 | 1689.20000 | 748.06000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .464 | 1817.60001 | 758.36000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .541 | 1869.39999 | 766.77000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .620 | 1890.10001 | 775.87000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .701 | 1892.00000 | 783.27000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .781 | 1892.60001 | 787.68000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .863 | 1893.20000 | 794.18000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | .943 | 1896.00000 | 799.88000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | 1.027 | 1894.60001 | 802.48000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | 1.110 | 1894.60001 | 805.38000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | 1.196 | 1891.20000 | 808.19000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | 1.279 | 1895.70000 | 808.89000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | 1.365 | 1892.30000 | 812.19000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | 1.450 | 1896.00000 | 813.79000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | 1.540 | 1893.50000 | 815.69000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | 1.626 | 1894.60001 | 815.99000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| 1.395 | 1.713 | 1893.50000 | 817.49000 | 679.69000 | 2146.60001 | 105.23000 | 925.28000 | 1.37900 | 1125.00000 | 1025.00000 | 93.00000 |
| | GRADIENT | 407.73283 | 66.55075 | .00009 | .00061 | .00002 | .00030 | .00000 | .00003 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S

(R3TL31) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1971/ 0 RN/L = 4.60 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .601 | .009 | 2237.10001 | 2201.10001 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .102 | 2417.89999 | 2202.39999 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .181 | 2428.29999 | 2204.50000 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .273 | 2486.60001 | 2206.70001 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .345 | 2501.89999 | 2206.89999 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .440 | 2514.29999 | 2215.50000 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .518 | 2561.00000 | 2211.29999 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .605 | 2561.89999 | 2211.89999 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .696 | 2610.50000 | 2208.60001 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .776 | 2656.29999 | 2212.70001 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .880 | 2689.70001 | 2213.70001 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | .975 | 2703.29999 | 2214.10001 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 1.086 | 2672.70001 | 2212.89999 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 1.195 | 2733.29999 | 2214.39999 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 1.307 | 2689.70001 | 2223.50000 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 1.420 | 2725.60001 | 2221.89999 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 1.537 | 2758.70001 | 2220.89999 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 1.654 | 2768.39999 | 2215.50000 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 1.772 | 2774.60001 | 2218.89999 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 1.892 | 2774.00000 | 2223.00000 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 2.011 | 2772.00000 | 2216.50000 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| .601 | 2.128 | 2779.39999 | 2219.70001 | 2176.29999 | 2777.39999 | 75.97300 | 549.74000 | .00270 | 1515.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 204.90459 | 8.42462 | .00028 | .00016 | .00000 | .00000 | .00000 | -.00008 | -.00002 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3TL31) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .002 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2011/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .799 | .008 | 1613.30000 | 1551.50000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .098 | 1803.10001 | 1556.39999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .174 | 1830.30000 | 1554.39999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .269 | 1911.20000 | 1560.00000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .346 | 1918.80000 | 1559.30000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .444 | 1946.00000 | 1560.20000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .523 | 1998.00000 | 1567.80000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .619 | 2046.70000 | 1563.80000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .710 | 2075.00000 | 1565.89999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .803 | 2143.10001 | 1566.20000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | .909 | 2159.70001 | 1564.50000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 1.016 | 2177.89999 | 1564.39999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 1.127 | 2182.50000 | 1569.39999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 1.238 | 2230.79999 | 1567.00000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 1.352 | 2237.29999 | 1570.39999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 1.469 | 2274.70001 | 1569.00000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 1.586 | 2268.50000 | 1567.39999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 1.703 | 2273.00000 | 1572.89999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 1.821 | 2282.89999 | 1568.00000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 1.940 | 2284.29999 | 1575.89999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 2.058 | 2258.79999 | 1570.20000 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| .799 | 2.178 | 2273.00000 | 1573.89999 | 1514.30000 | 2305.00000 | 77.08600 | 675.93000 | .00000 | 913.00000 | 1031.00000 | 793.00000 |
| | GRADIENT | 257.85565 | 8.25109 | .00033 | -.00007 | .00000 | .00009 | .00000 | -.00002 | -.00002 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3TL31) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .002 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1901/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .902 | .008 | 1423.70000 | 1382.39999 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | .116 | 1655.10001 | 1378.00000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | .224 | 1725.60001 | 1386.00000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | .330 | 1797.10001 | 1389.00000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | .441 | 1885.10001 | 1386.50000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | .545 | 1914.00000 | 1401.60001 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | .657 | 1955.60001 | 1399.60001 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | .764 | 2014.10001 | 1404.60001 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | .876 | 2076.10001 | 1401.20000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | .987 | 2103.00000 | 1404.80000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 1.103 | 2170.00000 | 1408.60001 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 1.220 | 2192.10001 | 1401.00000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 1.338 | 2088.50000 | 1410.00000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 1.458 | 2222.10001 | 1410.70000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 1.580 | 2234.50000 | 1409.10001 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 1.703 | 2233.70001 | 1410.00000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 1.824 | 2241.00000 | 1411.39999 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 1.947 | 2244.70001 | 1405.60001 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 2.066 | 2237.89999 | 1410.39999 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 2.185 | 2243.79999 | 1406.70000 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 2.301 | 2241.29999 | 1411.39999 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| .902 | 2.416 | 2237.89999 | 1407.89999 | 1322.60001 | 2240.60001 | 89.92200 | 752.42000 | .00270 | 1410.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 274.21630 | 11.48555 | .00012 | .00042 | .00001 | .00012 | .00000 | .00000 | -.00003 | -.00002 |

OA252 (ARC 382-1-22) P90 + S (R3TL31) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1881/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.048 | .009 | 1453.00000 | 1322.20000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | .109 | 1551.39999 | 1319.60001 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | .211 | 1578.60001 | 1323.30000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | .314 | 1637.20000 | 1327.60001 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | .411 | 1677.60001 | 1333.39999 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | .516 | 1623.60001 | 1330.60001 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | .609 | 1731.89999 | 1326.20000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | .720 | 1742.39999 | 1332.30000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | .819 | 1845.10001 | 1334.00000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | .931 | 1871.10001 | 1334.00000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.045 | 1876.20000 | 1333.30000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.163 | 1819.10001 | 1336.60001 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.281 | 1986.50000 | 1337.50000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.398 | 2041.39999 | 1337.10001 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.519 | 2038.00000 | 1336.39999 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.640 | 2065.20001 | 1336.10001 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.760 | 2046.00000 | 1337.60001 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.883 | 2071.39999 | 1342.00000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 2.006 | 2074.20001 | 1335.20000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 2.127 | 2062.39999 | 1337.50000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 2.243 | 2075.39999 | 1339.20000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| 1.048 | 2.356 | 2077.89999 | 1336.50000 | 1039.00000 | 2081.50000 | 73.70900 | 798.53000 | .00170 | 1341.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 267.90752 | 6.71877 | -.00003 | -.00006 | .00000 | .00013 | .00000 | .00003 | -.00003 | -.00002 |

OA252 (ARC 382-1-22) P90 + S (R3TL31) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1851/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.102 | .009 | 1227.10001 | 1204.50000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .104 | 1301.20000 | 1205.20000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .188 | 1377.00000 | 1204.20000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .282 | 1425.10001 | 1208.50000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .343 | 1411.00000 | 1209.70000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .440 | 1565.39999 | 1211.39999 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .513 | 1586.89999 | 1218.89999 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .590 | 1570.00000 | 1216.70000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .692 | 1608.39999 | 1218.20000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .774 | 1742.80000 | 1219.10001 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .878 | 1804.80000 | 1212.70000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | .976 | 1874.10001 | 1223.89999 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 1.080 | 1862.50000 | 1218.50000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 1.184 | 1940.00000 | 1221.20000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 1.292 | 1979.60001 | 1219.70000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 1.402 | 2019.20000 | 1220.70000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 1.515 | 2001.70000 | 1221.50000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 1.628 | 2004.50000 | 1215.80000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 1.741 | 2045.50000 | 1220.50000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 1.857 | 2050.29999 | 1223.20000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 1.975 | 2056.29999 | 1220.20000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| 1.102 | 2.089 | 2059.39999 | 1228.70000 | 964.72000 | 2063.79999 | 71.16400 | 819.40000 | .00130 | 1314.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 416.20372 | 8.61836 | .00006 | .00033 | .00002 | .00019 | .00000 | .00000 | .00004 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3TL31) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1801/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.251 | .010 | 826.50000 | 687.26000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .099 | 1270.10001 | 699.67000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .182 | 1344.20000 | 727.68000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .276 | 1387.80000 | 740.09000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .343 | 1466.70000 | 746.79000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .439 | 1514.00000 | 744.19000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .514 | 1542.50000 | 777.50000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .592 | 1628.20000 | 774.40000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .692 | 1657.70000 | 789.01000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .771 | 1773.89999 | 781.01000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .872 | 1838.70000 | 794.01000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | .966 | 1887.89999 | 814.92000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 1.072 | 1950.50000 | 808.02000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 1.178 | 1936.89999 | 814.92000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 1.286 | 1959.80000 | 846.04000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 1.396 | 1999.39999 | 828.03000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 1.509 | 1993.20000 | 840.73000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 1.623 | 2004.50000 | 824.23000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 1.736 | 2012.39999 | 838.33000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 1.851 | 2015.30000 | 843.13000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 1.964 | 2005.60001 | 853.94000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| 1.251 | 2.077 | 2008.50000 | 854.24000 | 800.63000 | 2078.00000 | 82.19500 | 877.71000 | .00250 | 1051.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 448.16842 | 74.10379 | .00019 | -.00012 | .00001 | .00008 | .00000 | -.00004 | -.00004 | -.00004 |

OA252 (ARC 382-1-22) P90 + S (R3TL31) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .002 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 1771/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.392 | .009 | 812.64000 | 637.25000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .103 | 1141.39999 | 646.65000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .191 | 1211.20000 | 654.06000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .280 | 1293.30000 | 661.86000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .352 | 1347.30000 | 674.77000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .444 | 1418.60001 | 685.47000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .506 | 1492.39999 | 691.47000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .552 | 1500.10001 | 698.48000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .637 | 1565.70000 | 712.18000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .705 | 1687.60001 | 719.59000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .769 | 1719.60001 | 718.48000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .865 | 1828.00000 | 725.79000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .919 | 1809.30000 | 729.39000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | .997 | 1940.30000 | 729.49000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | 1.072 | 1946.50000 | 731.99000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | 1.127 | 1993.70000 | 734.99000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | 1.171 | 1998.00000 | 733.69000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | 1.230 | 2021.20000 | 732.79000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | 1.301 | 2012.10001 | 737.69000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | 1.370 | 2028.00000 | 739.69000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | 1.472 | 2017.50000 | 741.49000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| 1.392 | 1.565 | 2026.80000 | 740.59000 | 673.32000 | 2117.60001 | 80.11100 | 912.70000 | .00200 | 950.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 738.90012 | 69.26133 | .00014 | .00072 | .00001 | .00020 | .00000 | -.00004 | -.00008 | -.00004 |

OA252 (ARC 382-1-22) P90 + S (R3TL32) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1772/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.401 | .008 | 782.37000 | 637.05000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .097 | 1155.80000 | 644.85000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .170 | 1218.89999 | 651.25000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .257 | 1242.39999 | 658.06000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .324 | 1317.00000 | 664.36000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .404 | 1408.10001 | 675.67000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .491 | 1482.00000 | 687.47000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .553 | 1543.70000 | 694.07000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .646 | 1596.30000 | 701.68000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .731 | 1656.80000 | 706.48000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .827 | 1737.70000 | 713.98000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | .926 | 1849.80000 | 719.08000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.028 | 1912.80000 | 722.49000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.135 | 1931.80000 | 728.09000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.239 | 2003.60001 | 732.49000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.344 | 2003.39999 | 727.39000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.450 | 2014.39999 | 730.89000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.558 | 2022.00000 | 732.49000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.660 | 2026.30000 | 736.49000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.765 | 2022.89999 | 736.49000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.866 | 2020.10001 | 734.99000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| 1.401 | 1.965 | 2019.50000 | 736.49000 | 664.13000 | 2117.60001 | 81.70900 | 912.93000 | .00200 | 1003.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 553.08237 | 51.20089 | .00014 | .00036 | -.00000 | .00014 | .00000 | -.00005 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3TL35) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1981/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .600 | .011 | 2170.20001 | 2093.00000 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .064 | 2363.10001 | 2090.79999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .105 | 2416.00000 | 2094.89999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .151 | 2444.29999 | 2096.39999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .204 | 2464.10001 | 2096.79999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .260 | 2498.60001 | 2105.60001 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .304 | 2523.20001 | 2100.89999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .350 | 2560.89999 | 2102.00000 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .406 | 2598.50000 | 2104.39999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .463 | 2626.50000 | 2110.89999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .507 | 2634.39999 | 2108.39999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .553 | 2659.89999 | 2103.79999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .609 | 2710.50000 | 2114.10001 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .670 | 2713.60001 | 2111.00000 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .715 | 2723.00000 | 2115.89999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .764 | 2732.29999 | 2111.89999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .827 | 2750.10001 | 2116.29999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .888 | 2747.00000 | 2115.79999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | .942 | 2756.89999 | 2118.39999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | 1.004 | 2758.29999 | 2114.29999 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | 1.070 | 2763.10001 | 2115.00000 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| .600 | 1.131 | 2764.29999 | 2113.00000 | 2167.79999 | 2765.39999 | 80.63200 | 546.59000 | 1.41290 | 1521.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 431.61739 | 22.62270 | .00072 | .00043 | .00003 | .00007 | .00000 | .00007 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3TL35) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.399 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2001/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .800 | .008 | 1561.89999 | 1445.50000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | .109 | 1863.20000 | 1452.60001 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | .208 | 1921.20000 | 1454.50000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | .311 | 2006.39999 | 1468.30000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | .411 | 2079.89999 | 1464.30000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | .512 | 2160.50000 | 1474.00000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | .611 | 2213.20001 | 1482.80000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | .718 | 2234.10001 | 1478.70000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | .823 | 2247.10001 | 1482.10001 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | .935 | 2263.20001 | 1481.50000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | 1.047 | 2268.89999 | 1479.30000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | 1.163 | 2264.60001 | 1495.10001 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | 1.275 | 2275.10001 | 1492.70000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | 1.388 | 2276.50000 | 1487.50000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | 1.504 | 2271.39999 | 1483.00000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | 1.620 | 2279.10001 | 1493.50000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | 1.736 | 2282.20001 | 1498.00000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| .800 | 1.841 | 2283.60001 | 1495.70000 | 1511.39999 | 2303.60001 | 85.17800 | 676.81000 | 1.41490 | 908.00000 | 1031.00000 | 793.00000 |
| | GRADIENT | 271.34882 | 24.56728 | .00019 | .00046 | .00001 | .00006 | .00000 | -.00004 | -.00004 | -.00002 |

OA252 (ARC 382-1-22) P90 + S (R3TL35) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1891/ 0 RN/L = 4.43 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .900 | .010 | 1419.60001 | 1338.80000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .073 | 1697.70000 | 1338.00000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .126 | 1782.30000 | 1341.00000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .185 | 1826.70000 | 1340.60001 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .249 | 1906.20000 | 1344.60001 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .306 | 1886.10001 | 1348.60001 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .366 | 1991.39999 | 1352.10001 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .433 | 2054.70001 | 1354.80000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .496 | 2128.00000 | 1359.30000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .554 | 2151.50000 | 1365.39999 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .622 | 2217.39999 | 1365.80000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .689 | 2223.60001 | 1370.30000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .750 | 2233.50000 | 1372.39999 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .821 | 2245.70001 | 1382.80000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34750 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .888 | 2240.89999 | 1387.70000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | .955 | 2241.39999 | 1383.50000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | 1.025 | 2257.60001 | 1384.80000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | 1.096 | 2258.70001 | 1386.50000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | 1.167 | 2261.79999 | 1392.80000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | 1.240 | 2267.50000 | 1389.00000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | 1.311 | 2272.29999 | 1392.20000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| .900 | 1.381 | 2262.89999 | 1398.50000 | 1344.50000 | 2273.89999 | 103.23000 | 762.21000 | 1.34760 | 1404.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 479.50193 | 47.24099 | .00000 | .00028 | .00002 | .00012 | .00000 | .00005 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3TL35) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1872/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.048 | .010 | 1235.89999 | 1151.60001 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .069 | 1404.50000 | 1151.89999 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .113 | 1454.30000 | 1153.80000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .162 | 1508.00000 | 1157.50000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .219 | 1573.89999 | 1157.70000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .275 | 1668.39999 | 1160.20000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .319 | 1691.30000 | 1163.60001 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .368 | 1734.89999 | 1166.89999 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .429 | 1813.30000 | 1168.60001 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .483 | 1873.20000 | 1173.50000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .526 | 1937.20000 | 1173.80000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .577 | 1987.20000 | 1174.20000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .641 | 2003.70000 | 1184.00000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .697 | 2043.30000 | 1183.10001 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .742 | 1981.60001 | 1182.70000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .805 | 2033.60001 | 1187.00000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .870 | 2060.20001 | 1185.10001 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .923 | 2060.79999 | 1196.80000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | .985 | 2044.39999 | 1192.50000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.052 | 2067.29999 | 1193.80000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.117 | 2053.70001 | 1193.30000 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| 1.048 | 1.182 | 2066.50000 | 1202.89999 | 1037.60001 | 2080.10001 | 80.70200 | 798.31000 | 1.41200 | 1350.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 660.02728 | 43.80294 | .00026 | .00079 | .00002 | .00013 | .00000 | -.00013 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3TL35) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1861/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.100 | .010 | 1094.00000 | 1128.70000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .100 | 1302.50000 | 1130.39999 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .174 | 1440.00000 | 1130.00000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .260 | 1557.39999 | 1134.20000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .328 | 1648.50000 | 1138.39999 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .422 | 1749.20000 | 1144.00000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .511 | 1869.39999 | 1142.50000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .599 | 1912.39999 | 1144.20000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .699 | 2000.70000 | 1150.00000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .788 | 2034.89999 | 1153.39999 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .892 | 2026.70000 | 1152.50000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | .990 | 2039.70000 | 1154.89999 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.093 | 2043.10001 | 1159.80000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.183 | 2042.60001 | 1157.39999 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.273 | 2055.60001 | 1159.00000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.366 | 2056.10001 | 1158.30000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.463 | 2056.70001 | 1160.30000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.560 | 2057.29999 | 1165.10001 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.657 | 2056.10001 | 1163.10001 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.756 | 2055.79999 | 1161.80000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.840 | 2057.29999 | 1166.80000 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| 1.100 | 1.879 | 2053.89999 | 1166.39999 | 966.13000 | 2062.39999 | 76.46000 | 818.01000 | 1.41470 | 1319.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 386.43128 | 20.04052 | .00021 | .00014 | .00001 | .00019 | .00000 | -.00005 | -.00007 | -.00002 |

OA252 (ARC 382-1-22) P90 + S (R3TL35) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1791/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.252 | .009 | 822.40000 | 865.64000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | .105 | 1427.20000 | 873.34000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | .201 | 1539.80000 | 887.35000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | .297 | 1659.50000 | 894.55000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | .393 | 1757.39999 | 911.56000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | .493 | 1895.70000 | 920.26000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | .591 | 1955.10001 | 935.37000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | .695 | 1981.70000 | 945.57000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | .795 | 2011.39999 | 950.77000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | .903 | 2025.60001 | 957.28000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.008 | 2028.70000 | 968.58000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.118 | 2029.30000 | 974.59000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.226 | 2055.00000 | 983.89000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.339 | 2070.00000 | 979.59000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.452 | 2072.29999 | 989.99000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.567 | 2069.10001 | 985.59000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.681 | 2076.20001 | 989.39000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.793 | 2077.89999 | 1002.10000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.885 | 2078.50000 | 994.39000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.894 | 2076.79999 | 990.59000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| 1.252 | 1.902 | 2077.89999 | 1002.00000 | 811.24000 | 2107.00000 | 91.75500 | 890.08000 | 1.41460 | 1022.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 370.15626 | 66.51928 | .00000 | .00000 | .00001 | .00012 | .00000 | -.00002 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + S (R3TL35) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 1781/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.396 | .009 | 769.07000 | 610.44000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .107 | 1304.00000 | 617.44000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .200 | 1447.20000 | 624.74000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .297 | 1567.70000 | 631.05000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .391 | 1702.60001 | 637.25000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .490 | 1862.50000 | 644.15000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .581 | 1941.39999 | 648.35000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .685 | 1936.70000 | 657.66000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .786 | 2003.60001 | 660.66000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .890 | 2015.00000 | 662.26000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | .995 | 2018.39999 | 662.96000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | 1.105 | 2015.00000 | 658.66000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | 1.213 | 2020.60001 | 662.76000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | 1.323 | 2017.20000 | 670.26000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | 1.434 | 2019.80000 | 673.86000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | 1.548 | 2015.00000 | 669.46000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | 1.662 | 2018.60001 | 671.46000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | 1.777 | 2015.50000 | 672.66000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | 1.882 | 2015.20000 | 672.96000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| 1.396 | 1.899 | 2014.39999 | 669.46000 | 675.44000 | 2137.39999 | 95.00100 | 921.36000 | 1.37920 | 1013.00000 | 1030.00000 | 793.00000 |
| | GRADIENT | 396.56127 | 29.56434 | .00007 | .00016 | .00001 | .00008 | .00000 | .00000 | .00000 | -.00003 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL38) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2161/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .897 | .009 | 1412.39999 | 1336.10001 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | .112 | 1666.20000 | 1339.10001 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | .214 | 1813.30000 | 1338.20000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | .315 | 1848.89999 | 1339.50000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | .415 | 1877.80000 | 1345.00000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | .515 | 1842.70000 | 1351.70000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | .606 | 1980.50000 | 1347.20000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | .711 | 2012.39999 | 1361.50000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | .804 | 2000.30000 | 1356.20000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | .914 | 2042.39999 | 1365.00000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 1.024 | 2092.50000 | 1357.50000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 1.138 | 2089.39999 | 1362.30000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 1.252 | 2100.70001 | 1368.39999 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 1.370 | 2135.79999 | 1356.50000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 1.490 | 2149.39999 | 1366.70000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 1.609 | 2163.50000 | 1365.50000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 1.729 | 2168.00000 | 1364.70000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 1.849 | 2166.29999 | 1367.30000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 1.967 | 2169.20001 | 1372.20000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 2.086 | 2162.89999 | 1359.20000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 2.203 | 2172.29999 | 1371.10001 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| .897 | 2.322 | 2172.00000 | 1370.50000 | 1302.80000 | 2196.79999 | 82.57700 | 734.07000 | .00120 | 1404.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 236.32364 | 14.24479 | .00026 | .00033 | .00001 | .00010 | .00000 | .00000 | -.00003 | .00000 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL38) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2131/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.051 | .011 | 1346.50000 | 1239.80000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .102 | 1442.70000 | 1233.10001 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .177 | 1478.30000 | 1243.20000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .279 | 1485.39999 | 1237.20000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .352 | 1577.89999 | 1240.50000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .455 | 1622.30000 | 1243.70000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .523 | 1651.20000 | 1241.50000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .599 | 1634.50000 | 1244.20000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .700 | 1713.70000 | 1241.89999 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .790 | 1738.89999 | 1243.70000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | .898 | 1779.30000 | 1247.30000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 1.007 | 1895.70000 | 1241.80000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 1.120 | 1874.89999 | 1249.70000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 1.234 | 1915.10001 | 1254.60001 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 1.345 | 1958.70000 | 1249.89999 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 1.461 | 1946.50000 | 1247.00000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 1.578 | 1943.10001 | 1256.60001 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 1.695 | 1987.50000 | 1249.60001 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 1.812 | 1998.30000 | 1257.89999 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 1.930 | 1995.50000 | 1251.00000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 2.048 | 1998.30000 | 1255.60001 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| 1.051 | 2.167 | 1998.00000 | 1252.50000 | 1010.00000 | 2030.60001 | 70.74500 | 780.60000 | .00050 | 1339.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 301.30803 | 8.51709 | .00000 | .00038 | .00000 | .00009 | .00000 | .00004 | .00004 | .00002 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL38) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2121/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.100 | .009 | 1298.00000 | 1249.39999 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .111 | 1434.30000 | 1252.60001 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .208 | 1488.60001 | 1255.89999 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .310 | 1524.80000 | 1252.39999 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .403 | 1567.80000 | 1258.89999 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .504 | 1632.39999 | 1260.70000 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .582 | 1707.00000 | 1258.70000 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .690 | 1688.60001 | 1257.50000 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .776 | 1753.70000 | 1262.89999 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .886 | 1769.00000 | 1260.10001 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | .991 | 1851.89999 | 1267.50000 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.103 | 1924.30000 | 1267.10001 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.213 | 1969.60001 | 1263.89999 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.328 | 2003.80000 | 1263.50000 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.444 | 1952.00000 | 1266.89999 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.562 | 2011.20000 | 1265.89999 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.678 | 2042.60001 | 1262.50000 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.800 | 2036.60001 | 1267.70000 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.921 | 2042.60001 | 1265.10001 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 2.045 | 2043.70000 | 1269.89999 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 2.167 | 2040.00000 | 1269.30000 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| 1.100 | 2.290 | 2046.00000 | 1273.20000 | 974.62000 | 2080.79999 | 74.58000 | 825.36000 | .00000 | 1328.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 316.13346 | 7.87006 | .00007 | .00027 | .00001 | .00005 | .00000 | -.00003 | -.00003 | -.00003 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL38) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .001 | PANEL = | 90.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2051/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.252 | .007 | 1266.39999 | 1202.60001 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .103 | 1306.60001 | 1204.30000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .181 | 1350.20000 | 1208.60001 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .275 | 1360.30000 | 1214.50000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .344 | 1403.89999 | 1205.30000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .439 | 1397.70000 | 1213.80000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .514 | 1399.89999 | 1213.10001 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .598 | 1477.20000 | 1215.39999 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .700 | 1575.30000 | 1212.60001 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .783 | 1616.89999 | 1213.00000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .888 | 1644.89999 | 1214.80000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | .989 | 1742.80000 | 1214.70000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 1.099 | 1831.10001 | 1219.80000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 1.211 | 1862.80000 | 1215.80000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 1.325 | 1934.89999 | 1229.20000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 1.441 | 1988.70000 | 1219.30000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 1.560 | 2016.70000 | 1217.20000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 1.676 | 2000.30000 | 1215.70000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 1.794 | 2020.89999 | 1216.80000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 1.913 | 2012.70000 | 1225.50000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 2.032 | 2020.89999 | 1223.00000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| 1.252 | 2.148 | 2019.80000 | 1221.20000 | 794.26000 | 2062.39999 | 80.35400 | 871.22000 | .00320 | 1112.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 415.84300 | 7.75539 | .00017 | .00008 | .00001 | .00008 | .00000 | .00000 | -.00004 | -.00002 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL38) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2041/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.403 | .006 | 982.80000 | 1033.80000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .103 | 1107.60001 | 1041.10001 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .197 | 1155.10001 | 1051.39999 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .296 | 1248.20000 | 1024.10001 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .384 | 1339.00000 | 1040.89999 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .486 | 1419.60001 | 1040.60001 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .562 | 1412.00000 | 1029.10001 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .669 | 1581.39999 | 1030.39999 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .753 | 1615.89999 | 1036.20000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .862 | 1801.20000 | 1023.10000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | .962 | 1858.89999 | 1031.60001 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 1.074 | 1831.20000 | 1051.10001 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 1.184 | 1954.00000 | 1020.20000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 1.299 | 2008.00000 | 1064.00000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 1.413 | 2024.20000 | 1020.20000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 1.533 | 2034.10001 | 1033.20000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 1.651 | 2034.30000 | 1047.00000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 1.770 | 2037.50000 | 1021.80000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 1.888 | 2026.10001 | 1030.20000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 2.010 | 2018.20000 | 1033.30000 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 2.129 | 2037.20000 | 1041.39999 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| 1.403 | 2.246 | 1995.30000 | 1031.39999 | 657.76000 | 2103.39999 | 86.04500 | 906.86000 | .00000 | 1104.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 477.58669 | -1.64890 | .00016 | .00028 | .00000 | .00009 | .00000 | -.00004 | .00004 | .00000 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL41) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.388 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2151/ 0 RN/L = 4.43 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .898 | .010 | 1399.20000 | 1277.30000 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .075 | 1687.00000 | 1278.60001 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .121 | 1777.20000 | 1281.70000 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .176 | 1825.30000 | 1285.39999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .238 | 1915.00000 | 1287.39999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .295 | 1981.70000 | 1290.20000 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .345 | 2031.20000 | 1295.70000 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .408 | 2030.39999 | 1300.89999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .468 | 2138.20001 | 1302.00000 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .516 | 2162.20001 | 1309.39999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .553 | 2173.29999 | 1306.89999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .629 | 2182.29999 | 1317.39999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .689 | 2178.89999 | 1321.00000 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .739 | 2167.60001 | 1321.89999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .799 | 2187.10001 | 1325.80000 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .868 | 2176.10001 | 1327.30000 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .928 | 2184.00000 | 1331.39999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | .994 | 2158.60001 | 1335.39999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | 1.065 | 2186.79999 | 1340.10001 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | 1.133 | 2167.00000 | 1341.89999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | 1.202 | 2192.50000 | 1336.89999 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| .898 | 1.275 | 2192.20001 | 1342.30000 | 1315.50000 | 2220.79999 | 92.75700 | 743.02000 | 1.35450 | 1356.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 432.30826 | 56.98659 | -.00006 | .00057 | .00003 | .00026 | .00000 | -.00006 | -.00011 | -.00009 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL41) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.398 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2141/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.050 | .012 | 1258.20000 | 1135.60001 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .067 | 1343.70000 | 1137.50000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .109 | 1424.00000 | 1141.20000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .152 | 1490.20000 | 1138.20000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .202 | 1599.10001 | 1142.89999 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .255 | 1628.00000 | 1143.30000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .298 | 1768.60001 | 1144.60001 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .338 | 1769.10001 | 1147.30000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .384 | 1799.70000 | 1146.60001 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .442 | 1880.89999 | 1150.39999 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .484 | 1902.39999 | 1153.10001 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .522 | 1956.70000 | 1150.20000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .560 | 1954.10001 | 1153.70000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .615 | 1989.50000 | 1160.60001 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .666 | 2015.30000 | 1159.89999 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .707 | 2007.60001 | 1158.39999 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .748 | 2017.20000 | 1163.30000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .801 | 2005.10001 | 1167.30000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .863 | 2010.39999 | 1164.20000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .914 | 2008.50000 | 1175.20000 | 1024.20000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | .969 | 2004.50000 | 1171.60001 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| 1.050 | 1.034 | 2002.20000 | 1171.70000 | 1024.80000 | 2059.60001 | 74.51000 | 791.56000 | 1.41340 | 1347.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 716.13973 | 38.25637 | .00045 | .00081 | .00002 | .00013 | .00000 | .00000 | -.00013 | -.00004 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL41) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.388 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2111/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.100 | .009 | 1074.89999 | 1137.80000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .067 | 1185.50000 | 1140.10001 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .112 | 1365.70000 | 1136.30000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .159 | 1506.00000 | 1141.10001 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .212 | 1616.10001 | 1138.39999 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .269 | 1693.60001 | 1142.30000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .311 | 1758.39999 | 1142.10001 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .355 | 1822.30000 | 1145.39999 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .410 | 1877.20000 | 1145.60001 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .465 | 1944.50000 | 1140.89999 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .506 | 1928.39999 | 1148.60001 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .543 | 1990.39999 | 1152.30000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .594 | 2025.70000 | 1149.80000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .653 | 2027.10001 | 1152.00000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .697 | 2039.20000 | 1154.80000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .741 | 2037.89999 | 1160.00000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .793 | 2037.30000 | 1155.60001 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .855 | 2037.60001 | 1157.20000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .903 | 2038.70000 | 1159.70000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | .954 | 2034.20000 | 1157.00000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.013 | 2039.00000 | 1155.80000 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| 1.100 | 1.079 | 2038.70000 | 1160.89999 | 975.33000 | 2081.50000 | 76.18200 | 825.49000 | 1.41370 | 1322.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 791.82993 | 23.80061 | .00028 | .00016 | .00002 | .00000 | .00000 | .00008 | .00000 | .00000 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL41) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.388 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2061/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.249 | .009 | 868.52000 | 831.17000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .068 | 1295.10001 | 833.57000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .109 | 1414.50000 | 835.97000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .153 | 1505.00000 | 845.98000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .206 | 1522.60001 | 865.98000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .264 | 1623.60001 | 864.78000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .311 | 1724.89999 | 869.69000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .360 | 1771.00000 | 874.39000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .420 | 1833.20000 | 874.89000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .477 | 1903.39999 | 889.79000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .523 | 1943.50000 | 899.00000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .573 | 1960.50000 | 907.40000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .635 | 1975.20000 | 905.50000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .690 | 1974.70000 | 918.91000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .736 | 1977.50000 | 914.81000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .793 | 1975.20000 | 915.91000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .855 | 1975.50000 | 924.61000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .911 | 1974.70000 | 925.61000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | .969 | 1974.70000 | 936.82000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | 1.037 | 1973.20000 | 944.42000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | 1.101 | 1980.89999 | 943.42000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| 1.249 | 1.166 | 1979.70000 | 959.33000 | 814.07000 | 2106.20001 | 84.69300 | 889.11000 | 1.41340 | 1120.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 683.25328 | 107.40404 | .00027 | .00054 | .00002 | .00017 | .00000 | -.00007 | -.00007 | -.00007 |

OA252 (ARC 382-1-22) P90 + A + S (R3TL41) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.388 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2031/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.396 | .008 | 795.10000 | 613.07000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .073 | 1240.70000 | 617.87000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .125 | 1353.30000 | 622.77000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .187 | 1406.70000 | 627.07000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .250 | 1571.70000 | 629.17000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .309 | 1633.30000 | 634.88000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .368 | 1719.60001 | 641.18000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .434 | 1871.30000 | 645.18000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .493 | 1931.20000 | 650.08000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .546 | 1987.20000 | 654.78000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .610 | 1996.00000 | 659.59000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .674 | 2002.20000 | 663.89000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .730 | 2008.20000 | 660.89000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .794 | 2008.70000 | 663.49000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .861 | 2009.89999 | 668.89000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .925 | 2006.50000 | 667.29000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | .992 | 2007.60001 | 665.59000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | 1.062 | 2008.70000 | 667.09000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | 1.128 | 2006.50000 | 667.29000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | 1.198 | 2003.10001 | 666.09000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | 1.269 | 2007.00000 | 669.59000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| 1.396 | 1.339 | 2005.30000 | 676.29000 | 685.34000 | 2167.79999 | 95.58800 | 934.46000 | 1.34420 | 1056.00000 | 1031.00000 | 693.00000 |
| | GRADIENT | 652.43456 | 44.26293 | .00005 | .00041 | .00001 | .00010 | .00000 | -.00005 | -.00010 | -.00003 |

OA252 (ARC 382-1-22) P45 (R3TL51) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2771/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .602 | .009 | 2264.50000 | 2199.79999 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .099 | 2409.10001 | 2204.50000 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .178 | 2455.79999 | 2210.70001 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .271 | 2512.89999 | 2206.79999 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .341 | 2515.70001 | 2205.50000 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .434 | 2556.79999 | 2203.29999 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .510 | 2537.20001 | 2210.60001 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .590 | 2594.10001 | 2208.39999 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .684 | 2643.00000 | 2217.20001 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .760 | 2665.70001 | 2210.29999 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .858 | 2627.79999 | 2215.60001 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | .950 | 2674.70001 | 2207.60001 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 1.052 | 2666.20001 | 2215.00000 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 1.152 | 2713.79999 | 2211.00000 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 1.257 | 2723.70001 | 2215.60001 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 1.362 | 2696.50000 | 2216.00000 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 1.471 | 2717.20001 | 2220.29999 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 1.580 | 2758.50000 | 2216.00000 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 1.689 | 2724.50000 | 2214.00000 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 1.804 | 2751.70001 | 2216.60001 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 1.915 | 2755.60001 | 2217.39999 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| .602 | 2.028 | 2747.39999 | 2220.39999 | 2159.29999 | 2757.60001 | 81.29200 | 547.01000 | .00520 | 1511.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | 188.06104 | 7.50359 | .00035 | .00079 | .00001 | .00015 | .00000 | .00000 | .00002 | .00000 |

OA252 (ARC 382-1-22) P45 (R3TL51) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2741/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .799 | .009 | 1666.50000 | 1593.89999 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .101 | 1843.30000 | 1599.50000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .183 | 1909.50000 | 1603.00000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .277 | 1962.10001 | 1602.50000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .347 | 2005.70000 | 1593.30000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .442 | 2052.60001 | 1600.30000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .516 | 2068.50000 | 1609.50000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .601 | 2078.10001 | 1609.10001 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .695 | 2119.39999 | 1609.10001 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .779 | 2187.00000 | 1613.80000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .882 | 2227.20001 | 1611.00000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | .978 | 2211.00000 | 1613.10001 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 1.083 | 2263.10001 | 1610.70000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 1.187 | 2278.89999 | 1615.10001 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 1.294 | 2213.89999 | 1620.60001 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 1.403 | 2314.00000 | 1609.10001 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 1.512 | 2318.00000 | 1612.89999 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 1.624 | 2316.29999 | 1616.39999 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 1.736 | 2332.39999 | 1615.89999 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 1.853 | 2336.10001 | 1610.00000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 1.964 | 2333.50000 | 1622.50000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| .799 | 2.078 | 2332.39999 | 1615.50000 | 1528.39999 | 2326.89999 | 85.80200 | 682.54000 | .00520 | 1454.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | 265.23921 | 9.81177 | .00017 | .00017 | .00002 | .00008 | .00000 | -.00008 | -.00004 | -.00002 |

OA252 (ARC 382-1-22) P45 (R3TL51) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2731/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .903 | .008 | 1468.10001 | 1393.00000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .106 | 1671.00000 | 1398.10001 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .201 | 1744.80000 | 1397.20000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .300 | 1774.50000 | 1400.80000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .389 | 1861.39999 | 1400.20000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .489 | 1932.10001 | 1406.30000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .573 | 1932.10001 | 1402.70000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .676 | 1956.10001 | 1399.80000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .766 | 2047.80000 | 1412.00000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .870 | 2065.89999 | 1412.00000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | .969 | 2147.89999 | 1417.20000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 1.078 | 2166.00000 | 1411.60001 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 1.183 | 2145.10001 | 1411.70000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 1.294 | 2184.39999 | 1412.00000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 1.405 | 2209.89999 | 1416.70000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 1.517 | 2227.39999 | 1417.60001 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 1.628 | 2241.60001 | 1422.20000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 1.746 | 2242.70001 | 1418.80000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 1.861 | 2214.39999 | 1421.80000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 1.976 | 2228.00000 | 1425.20000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 2.090 | 2237.29999 | 1416.20000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| .903 | 2.206 | 2239.89999 | 1417.20000 | 1312.70000 | 2228.60001 | 88.71100 | 750.05000 | .00500 | 1448.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | 294.67764 | 12.33157 | .00007 | .00044 | .00001 | .00015 | .00000 | .00000 | -.00004 | .00000 |

OA252 (ARC 382-1-22) P45 (R3TL51) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2701/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.055 | .009 | 1353.70000 | 1316.89999 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .063 | 1436.60001 | 1314.50000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .104 | 1486.89999 | 1328.00000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .145 | 1512.70000 | 1322.00000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .195 | 1500.00000 | 1320.20000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .249 | 1523.20000 | 1323.20000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .293 | 1527.39999 | 1326.30000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .334 | 1577.50000 | 1326.39999 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .383 | 1603.80000 | 1324.30000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .442 | 1614.00000 | 1322.00000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .483 | 1622.70000 | 1323.39999 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .524 | 1615.89999 | 1324.39999 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .570 | 1665.20000 | 1324.89999 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .632 | 1663.50000 | 1328.00000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .682 | 1654.39999 | 1326.60001 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .729 | 1773.20000 | 1327.60001 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .781 | 1724.60001 | 1326.39999 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .844 | 1840.80000 | 1320.89999 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .903 | 1857.50000 | 1326.60001 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | .961 | 1841.70000 | 1331.00000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | 1.026 | 1847.89999 | 1334.70000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| 1.055 | 1.093 | 1917.20000 | 1320.80000 | 1024.10001 | 2068.79999 | 78.13000 | 797.45000 | .00150 | 1426.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | 456.05089 | 7.36142 | .00028 | .00063 | .00003 | .00024 | .00000 | -.00008 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 (R3TL51) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2691/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.102 | .008 | 1325.00000 | 1289.30000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .066 | 1393.20000 | 1291.60001 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .109 | 1438.39999 | 1290.50000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .156 | 1466.70000 | 1291.80000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .212 | 1458.20000 | 1292.89999 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .267 | 1509.39999 | 1297.00000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .311 | 1506.30000 | 1291.50000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .358 | 1523.30000 | 1290.89999 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .415 | 1568.30000 | 1291.50000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .471 | 1594.00000 | 1297.80000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .515 | 1615.20000 | 1303.00000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .563 | 1573.10001 | 1294.89999 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .622 | 1675.50000 | 1298.70000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .679 | 1646.10001 | 1294.89999 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .726 | 1763.80000 | 1298.80000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .779 | 1763.20000 | 1296.80000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .843 | 1804.20000 | 1300.89999 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .903 | 1841.80000 | 1300.80000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | .961 | 1821.20000 | 1297.80000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | 1.028 | 1884.30000 | 1308.80000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | 1.093 | 1966.00000 | 1302.80000 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| 1.102 | 1.158 | 1845.50000 | 1311.60001 | 972.50000 | 2080.79999 | 78.89500 | 826.20000 | .00220 | 1419.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | 498.41938 | 14.25880 | .00000 | .00069 | .00003 | .00028 | .00000 | .00000 | .00000 | .00003 |

RUN NO. 2611/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.251 | 1.847 | 2044.50000 | 1193.00000 | 799.92000 | 2075.79999 | 82.71600 | 876.79000 | .00220 | 1325.00000 | 1106.00000 | 543.00000 |
| 1.251 | 1.956 | 2091.20001 | 1196.60001 | 799.92000 | 2075.79999 | 82.71600 | 876.79000 | .00220 | 1325.00000 | 1106.00000 | 543.00000 |
| 1.251 | 2.068 | 2091.79999 | 1199.60001 | 799.92000 | 2075.79999 | 82.71600 | 876.79000 | .00220 | 1325.00000 | 1106.00000 | 543.00000 |
| 1.251 | 2.181 | 2094.29999 | 1195.30000 | 799.92000 | 2075.79999 | 82.71600 | 876.79000 | .00220 | 1325.00000 | 1106.00000 | 543.00000 |
| 1.251 | 2.289 | 2088.10001 | 1189.10001 | 799.92000 | 2075.79999 | 82.71600 | 876.79000 | .00220 | 1325.00000 | 1106.00000 | 543.00000 |
| 1.251 | 2.400 | 2093.50000 | 1190.00000 | 799.92000 | 2075.79999 | 82.71600 | 876.79000 | .00220 | 1325.00000 | 1106.00000 | 543.00000 |
| 1.251 | 2.474 | 2089.20001 | 1188.80000 | 799.92000 | 2075.79999 | 82.71600 | 876.79000 | .00220 | 1325.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | 46.15423 | -12.06683 | .00000 | .00087 | .00000 | .00044 | -.00000 | .00000 | -.00087 | -.00044 |

OA252 (ARC 382-1-22) P45 (R3TL51) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2571/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.402 | .008 | 1006.00000 | 1021.70000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .069 | 1017.90000 | 1025.60001 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .110 | 1032.89999 | 1016.60000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .153 | 1042.50000 | 1017.70000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .206 | 1053.80000 | 1008.10000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .262 | 1116.60001 | 1010.10000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .313 | 1140.10001 | 1017.60000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .371 | 1153.39999 | 1023.70000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .442 | 1194.10001 | 1002.30000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .501 | 1237.39999 | 1011.70000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .560 | 1329.89999 | 1026.00000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .641 | 1375.20000 | 1028.30000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .707 | 1440.30000 | 1011.70000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .783 | 1524.30000 | 1025.50000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .879 | 1641.10001 | 1020.30000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | .971 | 1707.00000 | 1015.30000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | 1.074 | 1739.00000 | 1010.00000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | 1.177 | 1791.60001 | 1013.40000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | 1.282 | 1901.39999 | 1010.30000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | 1.387 | 2018.20000 | 1028.50000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | 1.494 | 2015.10001 | 1007.50000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| 1.402 | 1.601 | 2114.70001 | 1022.00000 | 663.42000 | 2116.89999 | 83.58300 | 912.63000 | .00190 | 1301.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | 751.89683 | -.68740 | .00011 | .00028 | .00001 | .00028 | .00000 | .00000 | .00004 | .00000 |

OA252 (ARC 382-1-22) P45 (R3TL52) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2612/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.252 | .007 | 1170.80000 | 1182.00000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .099 | 1243.20000 | 1177.30000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .181 | 1250.89999 | 1179.50000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .274 | 1294.39999 | 1172.30000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .343 | 1313.39999 | 1180.80000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .434 | 1326.39999 | 1180.70000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .510 | 1382.10001 | 1185.10001 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .599 | 1468.70000 | 1174.80000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .693 | 1540.30000 | 1181.30000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .783 | 1623.39999 | 1189.30000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .888 | 1737.70000 | 1181.00000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | .990 | 1766.89999 | 1193.30000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 1.100 | 1879.20000 | 1178.00000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 1.206 | 1888.20000 | 1185.70000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 1.316 | 1985.00000 | 1187.10001 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 1.431 | 2028.50000 | 1184.60001 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 1.544 | 2046.10001 | 1176.60001 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 1.658 | 2028.80000 | 1181.70000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 1.776 | 2069.29999 | 1184.39999 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 1.892 | 2089.39999 | 1188.30000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 2.009 | 2087.39999 | 1185.70000 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| 1.252 | 2.127 | 2091.89999 | 1188.10001 | 799.92000 | 2076.50000 | 81.77800 | 877.15000 | .00240 | 1329.00000 | 1106.00000 | 543.00000 |
| | GRADIENT | 500.54487 | 3.64364 | .00010 | -.00008 | -.00000 | 00010 | .00000 | -.00004 | .00000 | -.00004 |

OA252 (ARC 382-1-22) P45 + A (R3TL57) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3391/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .600 | .007 | 2279.50000 | 2131.29999 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .086 | 2336.39999 | 2127.60001 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .141 | 2393.50000 | 2133.00000 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .221 | 2480.39999 | 2134.29999 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .296 | 2488.29999 | 2136.89999 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .366 | 2522.79999 | 2137.20001 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .456 | 2510.89999 | 2139.10001 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .513 | 2568.89999 | 2135.39999 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .579 | 2559.60001 | 2133.79999 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .676 | 2582.79999 | 2142.79999 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .740 | 2621.00000 | 2145.20001 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .837 | 2632.89999 | 2139.20001 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | .924 | 2636.00000 | 2139.70001 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | 1.027 | 2649.79999 | 2142.20001 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | 1.132 | 2636.29999 | 2141.00000 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | 1.237 | 2669.89999 | 2142.20001 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | 1.349 | 2660.89999 | 2142.00000 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | 1.459 | 2684.89999 | 2141.50000 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | 1.572 | 2693.10001 | 2142.79999 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | 1.686 | 2678.70001 | 2145.89999 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | 1.804 | 2680.39999 | 2144.29999 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| .600 | 1.922 | 2704.70001 | 2139.10001 | 2122.50000 | 2706.70001 | 73.04700 | 534.37000 | -.00130 | 1503.00000 | 1108.00000 | 43.00000 |
| | GRADIENT | 179.97138 | 6.15815 | .00005 | .00039 | .00001 | .00004 | -.00000 | .00005 | .00002 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL57) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3421/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .798 | .007 | 1666.30000 | 1581.10001 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .102 | 1872.50000 | 1584.00000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .191 | 1966.20000 | 1586.80000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .291 | 2026.70000 | 1587.39999 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .370 | 2095.20001 | 1590.89999 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .472 | 2116.70001 | 1595.60001 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .544 | 2145.79999 | 1596.60001 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .647 | 2189.70001 | 1598.89999 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .728 | 2172.10001 | 1596.39999 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .827 | 2245.70001 | 1599.80000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | .933 | 2276.50000 | 1601.30000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1109.00000 | 43.00000 |
| .798 | 1.040 | 2251.10001 | 1598.89999 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 1.148 | 2304.79999 | 1601.00000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 1.258 | 2329.10001 | 1608.10001 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 1.371 | 2349.79999 | 1608.80000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 1.486 | 2338.79999 | 1610.39999 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 1.600 | 2344.10001 | 1614.30000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 1.717 | 2347.50000 | 1605.80000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 1.837 | 2341.29999 | 1608.30000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 1.954 | 2359.39999 | 1610.30000 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 2.072 | 2353.20001 | 1605.39999 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| .798 | 2.192 | 2344.70001 | 1606.39999 | 1551.00000 | 2360.20001 | 84.06900 | 691.75000 | .00080 | 1529.00000 | 1108.00000 | 43.00000 |
| | GRADIENT | 234.47568 | 12.26821 | -.00004 | .00045 | -.00000 | .00002 | .00000 | .00000 | .00004 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL57) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3981/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .901 | .006 | 1639.60001 | 1527.00000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .105 | 1713.10001 | 1529.70000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .203 | 1770.80000 | 1523.60001 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .296 | 1758.39999 | 1526.70000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .379 | 1822.89999 | 1531.80000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .477 | 1874.89999 | 1532.70000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .555 | 1957.60001 | 1527.10001 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .657 | 1954.70000 | 1539.80000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .740 | 1984.10001 | 1537.60001 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .841 | 2017.00000 | 1532.80000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | .948 | 1974.80000 | 1537.00000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 1.060 | 2121.10001 | 1528.20000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 1.170 | 2083.20001 | 1536.39999 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 1.285 | 2115.10001 | 1540.50000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 1.400 | 2127.29999 | 1547.60001 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 1.516 | 2084.60001 | 1537.00000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 1.633 | 2167.50000 | 1537.89999 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 1.753 | 2171.70001 | 1542.80000 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 1.873 | 2183.00000 | 1545.60001 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 1.991 | 2148.20001 | 1536.60001 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 2.112 | 2185.89999 | 1543.10001 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| .901 | 2.233 | 2187.79999 | 1550.60001 | 1292.89999 | 2188.29999 | 85.35200 | 734.14000 | .00130 | 1103.00000 | 1114.00000 | 43.00000 |
| | GRADIENT | 232.35103 | 8.58810 | .00011 | .00021 | .00001 | .00013 | .00000 | -.00004 | -.00007 | -.00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL57) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3972/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.054 | .006 | 1420.30000 | 1329.30000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .103 | 1474.10001 | 1326.89999 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .195 | 1571.39999 | 1332.30000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .288 | 1569.70000 | 1331.89999 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .361 | 1603.10001 | 1334.80000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .456 | 1595.20000 | 1335.30000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .527 | 1661.10001 | 1339.20000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .610 | 1774.00000 | 1336.39999 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .707 | 1758.39999 | 1339.80000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .798 | 1831.39999 | 1344.10001 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | .907 | 1883.70000 | 1341.39999 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 1.015 | 1928.10001 | 1340.89999 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 1.127 | 1978.20000 | 1344.80000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 1.240 | 2033.39999 | 1343.50000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 1.356 | 1901.30000 | 1347.80000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 1.471 | 2056.89999 | 1355.50000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 1.587 | 2049.50000 | 1348.70000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 1.703 | 2073.79999 | 1350.10001 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 1.824 | 2080.00000 | 1352.80000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 1.942 | 2059.70001 | 1348.30000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 2.061 | 2087.39999 | 1351.70000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| 1.054 | 2.179 | 2083.39999 | 1346.20000 | 1034.70000 | 2088.60001 | 82.23000 | 804.72000 | .00130 | 1057.00000 | 1114.00000 | 43.00000 |
| | GRADIENT | 316.10641 | 10.74992 | .00013 | .00037 | .00001 | .00009 | .00000 | -.00002 | .00004 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL57) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3541/ 3 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.103 | .008 | 1345.30000 | 1233.10001 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .076 | 1396.80000 | 1229.89999 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .125 | 1413.20000 | 1232.60001 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .190 | 1479.39999 | 1232.10001 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .264 | 1492.70000 | 1236.70000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .321 | 1519.89999 | 1234.89999 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .398 | 1548.50000 | 1238.60001 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .480 | 1550.20000 | 1239.10001 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .538 | 1586.39999 | 1241.10001 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .622 | 1746.80000 | 1242.00000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .695 | 1715.39999 | 1241.80000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .756 | 1773.39999 | 1242.50000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .853 | 1841.00000 | 1238.89999 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | .947 | 1855.70000 | 1245.00000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | 1.049 | 1845.80000 | 1242.50000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | 1.154 | 1886.30000 | 1246.00000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | 1.264 | 1912.00000 | 1246.50000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | 1.374 | 2010.39999 | 1248.70000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | 1.486 | 1988.89999 | 1247.89999 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | 1.598 | 2036.80000 | 1250.70000 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | 1.712 | 2010.70000 | 1245.89999 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| 1.103 | 1.829 | 2042.39999 | 1258.10001 | 951.99000 | 2039.80000 | 74.05700 | 810.43000 | -.00190 | 1027.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 401.34343 | 11.45390 | .00000 | .00043 | .00001 | .00013 | -.00000 | .00000 | .00000 | -.00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL57) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3531/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.252 | .009 | 1210.50000 | 1153.39999 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .091 | 1226.39999 | 1162.70000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .143 | 1227.80000 | 1143.70000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .218 | 1264.00000 | 1151.70000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .281 | 1282.39999 | 1147.30000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .335 | 1290.30000 | 1148.70000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .415 | 1344.89999 | 1147.30000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .483 | 1401.50000 | 1156.10001 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .536 | 1383.39999 | 1157.50000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .622 | 1508.20000 | 1164.10001 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .692 | 1489.80000 | 1152.50000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .754 | 1541.30000 | 1151.20000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .847 | 1607.20000 | 1154.50000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | .939 | 1701.70000 | 1156.50000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | 1.044 | 1815.39999 | 1158.80000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | 1.151 | 1777.80000 | 1165.50000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | 1.261 | 1834.60001 | 1151.10001 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | 1.371 | 1944.10001 | 1160.60001 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | 1.483 | 1989.39999 | 1166.70000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | 1.594 | 1996.39999 | 1153.80000 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | 1.710 | 2021.89999 | 1157.10001 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| 1.252 | 1.825 | 2028.39999 | 1157.10001 | 783.66000 | 2035.50000 | 75.10200 | 859.92000 | -.00200 | 1020.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 527.68771 | 4.65394 | .00014 | .00005 | .00002 | .00014 | -.00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL57) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3521/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.396 | .008 | 985.63000 | 988.84000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .097 | 1020.40000 | 1008.00000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .161 | 1033.20000 | 1012.10000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .257 | 1061.39999 | 1005.00000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .317 | 1059.80000 | 1005.50000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .384 | 1108.70000 | 998.45000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .477 | 1147.50000 | 996.45000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .532 | 1221.00000 | 1001.90000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .611 | 1275.30000 | 988.44000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .701 | 1298.20000 | 999.25000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .771 | 1380.60001 | 1002.20000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .870 | 1385.39999 | 977.94000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | .966 | 1620.70000 | 971.03000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | 1.074 | 1623.89999 | 1013.30000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | 1.179 | 1746.39999 | 1005.80000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | 1.290 | 1944.10001 | 999.95000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | 1.401 | 1785.39999 | 988.14000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | 1.515 | 1983.70000 | 992.44000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | 1.628 | 2031.20000 | 1016.10000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | 1.746 | 2067.20001 | 988.94000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | 1.866 | 2078.50000 | 988.24000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| 1.396 | 1.982 | 2076.79999 | 995.25000 | 658.47000 | 2083.60001 | 78.93000 | 898.19000 | -.00200 | 1010.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 657.67770 | -3.76182 | .00007 | .00046 | .00001 | .00005 | -.00000 | -.00005 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL58) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.000 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3982/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .898 | .007 | 1642.39999 | 1531.20000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .104 | 1706.89999 | 1531.30000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .195 | 1741.10001 | 1535.89999 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .288 | 1798.30000 | 1532.80000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .369 | 1831.39999 | 1539.20000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .467 | 1882.00000 | 1539.60001 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .544 | 1901.50000 | 1537.10001 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .645 | 1941.39999 | 1537.60001 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .734 | 1979.30000 | 1548.50000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .832 | 2003.70000 | 1544.50000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | .937 | 2012.70000 | 1547.50000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 1.045 | 2074.10001 | 1547.60001 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 1.156 | 2118.20001 | 1549.60001 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 1.270 | 2075.00000 | 1545.80000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 1.386 | 2160.70001 | 1548.80000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 1.502 | 2108.29999 | 1556.80000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 1.618 | 2165.20001 | 1551.39999 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 1.736 | 2118.20001 | 1553.30000 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 1.856 | 2186.10001 | 1552.39999 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 1.975 | 2178.50000 | 1548.60001 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 2.095 | 2174.79999 | 1546.89999 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| .898 | 2.215 | 2155.60001 | 1560.39999 | 1297.10001 | 2188.29999 | 87.29200 | 731.61000 | .00120 | 1111.00000 | 1114.00000 | 43.00000 |
| | GRADIENT | 231.81380 | 10.51253 | .00014 | .00036 | .00001 | .00004 | .00000 | .00000 | .00000 | -.00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL58) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.000 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3551/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.049 | .010 | 1396.30000 | 1287.10001 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .088 | 1457.70000 | 1295.39999 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .151 | 1496.39999 | 1297.20000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .247 | 1567.10001 | 1292.50000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .308 | 1531.50000 | 1287.70000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .376 | 1582.39999 | 1295.10001 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .470 | 1650.89999 | 1291.80000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .530 | 1601.39999 | 1301.10001 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .615 | 1714.50000 | 1298.30000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .702 | 1697.60001 | 1298.50000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .788 | 1719.30000 | 1299.20000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .893 | 1845.20000 | 1300.30000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | .994 | 1815.50000 | 1309.00000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | 1.104 | 1871.80000 | 1310.89999 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | 1.215 | 1934.89999 | 1300.80000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | 1.327 | 1995.20000 | 1305.30000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | 1.441 | 1974.00000 | 1302.10001 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | 1.553 | 1991.50000 | 1305.39999 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | 1.667 | 2007.89999 | 1305.50000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | 1.784 | 2019.20000 | 1305.00000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | 1.901 | 2047.80000 | 1309.70000 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| 1.049 | 2.016 | 2048.10001 | 1306.39999 | 1020.60000 | 2047.50000 | 71.44300 | 786.16000 | -.00190 | 1038.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 333.82194 | 8.76611 | .00013 | -.00009 | .00001 | .00015 | -.00000 | -.00002 | .00000 | -.00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL59) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3983/ 0 RN/L = 4.40 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .898 | .007 | 1623.30000 | 1534.60001 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | .108 | 1714.39999 | 1532.50000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | .208 | 1761.60001 | 1547.00000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | .306 | 1795.89999 | 1543.30000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | .404 | 1812.00000 | 1541.50000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | .504 | 1886.70000 | 1542.50000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | .598 | 1926.60001 | 1543.10001 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | .703 | 1976.89999 | 1545.89999 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | .801 | 2008.60001 | 1545.00000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | .911 | 1988.00000 | 1543.50000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 1.020 | 2032.10001 | 1552.50000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 1.133 | 2113.29999 | 1549.10001 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 1.246 | 2115.60001 | 1550.80000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 1.362 | 2102.50000 | 1554.70000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 1.478 | 2149.20001 | 1561.50000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 1.594 | 2161.10001 | 1553.10001 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 1.713 | 2108.20001 | 1548.39999 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 1.832 | 2184.00000 | 1557.89999 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 1.951 | 2167.60001 | 1552.10001 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 2.069 | 2190.79999 | 1550.20000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 2.190 | 2191.70001 | 1557.80000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| .898 | 2.309 | 2188.50000 | 1550.00000 | 1296.39999 | 2188.29999 | 89.36900 | 732.03000 | .00130 | 1114.00000 | 1114.00000 | 43.00000 |
| | GRADIENT | 230.02423 | 8.67924 | .00023 | .00033 | .00002 | .00013 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL60) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = -.002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3561/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .900 | .007 | 1603.89999 | 1475.70000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .086 | 1672.70000 | 1473.10001 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .146 | 1700.10001 | 1471.80000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .235 | 1769.39999 | 1486.39999 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .303 | 1779.30000 | 1475.70000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .373 | 1815.50000 | 1472.89999 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .466 | 1787.50000 | 1476.50000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .530 | 1861.39999 | 1477.50000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .614 | 1858.00000 | 1475.50000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .704 | 1933.20000 | 1486.50000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .790 | 1904.89999 | 1480.50000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | .896 | 1933.20000 | 1482.10001 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 1.002 | 2024.89999 | 1486.10001 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 1.114 | 2067.00000 | 1483.50000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 1.225 | 2019.80000 | 1478.89999 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 1.339 | 2095.89999 | 1486.20000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 1.453 | 2084.60001 | 1483.50000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 1.566 | 2098.70001 | 1495.00000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 1.682 | 2133.00000 | 1488.60001 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 1.801 | 2142.60001 | 1482.80000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 1.917 | 2149.89999 | 1482.10001 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| .900 | 2.033 | 2147.39999 | 1485.20000 | 1268.80000 | 2145.10001 | 72.00100 | 718.81000 | -.00170 | 1045.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 261.67482 | 6.24670 | .00034 | .00047 | .00001 | .00006 | -.00000 | .00002 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL61) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3401/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .597 | .008 | 2159.89999 | 2047.00000 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .095 | 2362.10001 | 2049.89999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .166 | 2461.39999 | 2054.79999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .256 | 2545.70001 | 2053.79999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .321 | 2628.89999 | 2054.39999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .406 | 2666.20001 | 2057.60001 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .489 | 2692.79999 | 2062.89999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .554 | 2695.70001 | 2058.10001 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .649 | 2705.29999 | 2064.79999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .718 | 2694.00000 | 2059.89999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .805 | 2695.39999 | 2063.39999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | .912 | 2704.10001 | 2070.20001 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | 1.017 | 2713.50000 | 2073.29999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | 1.126 | 2708.70001 | 2070.79999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | 1.233 | 2705.00000 | 2072.60001 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | 1.346 | 2712.39999 | 2072.60001 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | 1.458 | 2708.70001 | 2076.50000 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | 1.571 | 2712.39999 | 2071.39999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | 1.686 | 2712.89999 | 2070.00000 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | 1.797 | 2708.70001 | 2075.29999 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| .597 | 1.833 | 2713.79999 | 2071.00000 | 2128.20001 | 2708.79999 | 75.06700 | 531.51000 | 1.41140 | 1511.00000 | 1108.00000 | 43.00000 |
| | GRADIENT | 164.59600 | 13.91857 | .00027 | .00044 | .00002 | .00015 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-i-22) P45 + A (R3TL61) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3412/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .800 | .009 | 1765.89999 | 1601.50000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .064 | 1821.89999 | 1603.89999 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .102 | 1891.80000 | 1602.00000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .139 | 1918.89999 | 1605.50000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .181 | 1976.10001 | 1602.00000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .237 | 2031.30000 | 1605.00000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .275 | 2066.89999 | 1610.39999 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .309 | 2109.29999 | 1607.50000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .342 | 2123.79999 | 1607.39999 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .388 | 2186.29999 | 1612.89999 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .443 | 2219.39999 | 1612.89999 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .480 | 2235.20001 | 1609.10001 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .511 | 2239.50000 | 1613.80000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .542 | 2257.00000 | 1611.50000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .586 | 2255.29999 | 1612.60001 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .643 | 2262.70001 | 1615.60001 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .682 | 2275.10001 | 1623.00000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .716 | 2245.10001 | 1621.20000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .754 | 2269.50000 | 1619.50000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .805 | 2275.10001 | 1615.70000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .862 | 2266.29999 | 1618.39999 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| .800 | .908 | 2277.39999 | 1620.30000 | 1490.20000 | 2271.00000 | 73.15100 | 667.16000 | 1.41220 | 956.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 551.02827 | 22.53019 | .00046 | -.00012 | .00005 | .00029 | .00000 | .00006 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL61) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3511/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .900 | .009 | 1580.89999 | 1403.00000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .065 | 1654.39999 | 1408.70000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .106 | 1720.10001 | 1406.20000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .146 | 1752.30000 | 1410.39999 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .196 | 1836.30000 | 1407.80000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .253 | 1898.30000 | 1420.30000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .292 | 1946.89999 | 1422.89999 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .326 | 1991.39999 | 1415.20000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .365 | 2053.89999 | 1415.00000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .419 | 2090.89999 | 1419.20000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .469 | 2123.79999 | 1420.60001 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .504 | 2146.70001 | 1423.80000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .538 | 2119.50000 | 1423.30000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .583 | 2124.00000 | 1422.50000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .640 | 2170.39999 | 1420.39999 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .682 | 2172.10001 | 1425.70000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .716 | 2184.29999 | 1426.39999 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .756 | 2176.70001 | 1427.80000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .811 | 2171.29999 | 1426.20000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .868 | 2191.10001 | 1432.89999 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .914 | 2190.20001 | 1422.60001 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| .900 | .969 | 2188.79999 | 1428.30000 | 1293.60001 | 2187.60001 | 74.47500 | 733.23000 | 1.41240 | 947.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 614.61517 | 24.50291 | .00030 | .00111 | .00003 | .00005 | -.00000 | -.00010 | -.00005 | -.00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL61) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3501/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.051 | .008 | 1170.50000 | 1074.50000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .064 | 1381.60001 | 1075.70000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .108 | 1517.60001 | 1078.50000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .151 | 1600.50000 | 1079.10001 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .204 | 1695.00000 | 1081.30000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .257 | 1771.70000 | 1085.20000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .297 | 1853.20000 | 1091.10001 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .336 | 1895.89999 | 1097.00000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .385 | 1984.10001 | 1104.30000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .442 | 2038.50000 | 1107.50000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .483 | 2063.60001 | 1116.10001 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .518 | 2082.00000 | 1111.30000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .558 | 2079.20001 | 1121.70000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .613 | 2088.50000 | 1123.60001 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .665 | 2095.89999 | 1129.00000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .704 | 2095.00000 | 1138.00000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .746 | 2090.20001 | 1132.80000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .803 | 2096.20001 | 1139.00000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .862 | 2095.89999 | 1138.50000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .912 | 2092.20001 | 1144.39999 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | .969 | 2095.60001 | 1147.50000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| 1.051 | 1.032 | 2091.89999 | 1153.00000 | 1037.60001 | 2087.89999 | 79.97200 | 803.03000 | 1.41360 | 940.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 745.82533 | 84.27663 | .00036 | .00072 | .00000 | .00045 | .00000 | .00009 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL61) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3451/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.101 | .007 | 1114.89999 | 1006.20000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .066 | 1338.70000 | 1009.70000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .110 | 1453.00000 | 1013.60000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .155 | 1528.20000 | 1015.20000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .212 | 1616.50000 | 1019.90000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .267 | 1781.20000 | 1024.00000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .307 | 1812.00000 | 1035.89999 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .349 | 1904.20000 | 1034.39999 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .401 | 1969.30000 | 1042.70000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .456 | 2033.50000 | 1051.10001 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .496 | 2072.50000 | 1055.80000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .534 | 2085.60001 | 1059.10001 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .585 | 2083.60001 | 1063.50000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .646 | 2103.39999 | 1071.10001 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .691 | 2109.29999 | 1073.20000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .733 | 2105.60001 | 1077.70000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .787 | 2108.50000 | 1088.70000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .848 | 2109.60001 | 1090.00000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .900 | 2108.50000 | 1099.10001 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | .956 | 2108.50000 | 1094.10001 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | 1.020 | 2105.89999 | 1107.39999 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| 1.101 | 1.084 | 2109.29999 | 1102.50000 | 983.11000 | 2102.70001 | 82.12600 | 834.76000 | 1.41390 | 934.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 785.42904 | 101.32453 | .00028 | .00081 | .00002 | .00053 | .00000 | -.00004 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL61) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3441/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.257 | .007 | 955.08000 | 818.34000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .067 | 1182.00000 | 824.14000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .114 | 1328.50000 | 828.75000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .163 | 1451.89999 | 830.75000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .222 | 1586.50000 | 837.85000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .276 | 1679.89999 | 847.95000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .318 | 1783.39999 | 853.36000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .367 | 1908.50000 | 862.16000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .424 | 1950.89999 | 871.46000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .473 | 2054.39999 | 875.27000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .514 | 2079.29999 | 878.57000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .561 | 2081.89999 | 883.17000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .619 | 2093.20001 | 897.88000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .677 | 2093.50000 | 896.08000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .724 | 2096.29999 | 908.08000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .780 | 2094.89999 | 910.88000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .842 | 2092.29999 | 913.88000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .899 | 2091.50000 | 922.89000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | .958 | 2090.10001 | 922.29000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | 1.025 | 2089.50000 | 927.19000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | 1.089 | 2085.60001 | 933.29000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| 1.257 | 1.151 | 2087.20001 | 936.29000 | 805.58000 | 2105.50000 | 85.24800 | 890.57000 | 1.41360 | 928.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 825.00945 | 110.40579 | .00025 | .00014 | .00004 | .00035 | .00000 | -.00004 | .00007 | .00000 |

OA252 (ARC 382-1-22) P45 + A (R3TL61) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3432/ 0 RN/L = 4.40 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.408 | .008 | 775.58000 | 647.86000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .069 | 1014.30000 | 652.16000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .112 | 1217.20000 | 656.76000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .164 | 1341.89999 | 660.16000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .226 | 1443.50000 | 667.76000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .279 | 1627.70000 | 672.57000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .323 | 1682.30000 | 678.47000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .374 | 1808.39999 | 682.87000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .434 | 1928.39999 | 690.37000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .484 | 1984.10001 | 696.88000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .525 | 2007.30000 | 700.58000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .580 | 2009.89999 | 703.78000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .641 | 1996.89999 | 710.38000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .692 | 1999.39999 | 713.49000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .741 | 1994.89999 | 718.89000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .801 | 1993.70000 | 721.39000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .864 | 1992.89999 | 724.39000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .921 | 1993.50000 | 725.79000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | .983 | 1996.60001 | 727.79000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | 1.051 | 1994.30000 | 729.49000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | 1.114 | 1996.30000 | 734.09000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| 1.408 | 1.180 | 1993.70000 | 734.39000 | 651.40000 | 2097.79999 | 90.78700 | 904.48000 | 1.15810 | 922.00000 | 1109.00000 | 43.00000 |
| | GRADIENT | 837.61554 | 79.33765 | .00027 | .00054 | .00003 | .00010 | .00000 | -.00007 | -.00007 | -.00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3TL63) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3141/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .901 | .007 | 1579.00000 | 1504.20000 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .101 | 1726.70000 | 1505.10001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .175 | 1750.20000 | 1507.39999 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .273 | 1798.60001 | 1506.80000 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .335 | 1793.20000 | 1510.60001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .425 | 1848.89999 | 1519.60001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .499 | 1894.70000 | 1505.60001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .561 | 1887.10001 | 1512.60001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .660 | 1898.39999 | 1510.30000 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .722 | 1975.10001 | 1507.60001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .808 | 2032.20000 | 1512.70000 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | .912 | 2025.39999 | 1523.00000 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 1.015 | 2095.00000 | 1521.30000 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 1.124 | 2102.39999 | 1520.39999 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 1.233 | 2131.79999 | 1518.00000 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 1.347 | 2121.39999 | 1517.20000 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 1.463 | 2155.60001 | 1514.50000 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 1.581 | 2178.20001 | 1518.10001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 1.700 | 2183.60001 | 1520.60001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 1.821 | 2182.20001 | 1521.89999 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 1.939 | 2175.39999 | 1522.60001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| .901 | 2.057 | 2186.39999 | 1521.60001 | 1292.20000 | 2186.89999 | 76.70400 | 733.59000 | .00080 | 1035.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | 272.82954 | 8.23915 | .00013 | .00030 | .00001 | .00006 | .00000 | -.00002 | .00000 | .00002 |

OA252 (ARC 382-1-22) P45 + A + S (R3TL63) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3151/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.048 | .008 | 1348.00000 | 1290.20000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .103 | 1449.89999 | 1289.50000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .177 | 1511.80000 | 1289.10001 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .276 | 1539.00000 | 1303.80000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .339 | 1610.00000 | 1298.20000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .435 | 1696.00000 | 1298.80000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .513 | 1670.00000 | 1297.39999 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .596 | 1756.50000 | 1298.70000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .699 | 1792.50000 | 1303.20000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .785 | 1881.60001 | 1302.39999 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | .894 | 1934.80000 | 1302.39999 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 1.000 | 1923.20000 | 1311.30000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 1.114 | 1955.70000 | 1307.70000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 1.230 | 2036.30000 | 1306.39999 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 1.348 | 1972.70000 | 1313.80000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 1.467 | 2057.29999 | 1311.50000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 1.586 | 2070.00000 | 1307.50000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 1.707 | 2083.60001 | 1311.50000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 1.832 | 2099.39999 | 1310.39999 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 1.954 | 2101.70001 | 1308.10001 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 2.077 | 2098.29999 | 1314.00000 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| 1.048 | 2.201 | 2102.79999 | 1309.89999 | 1047.50000 | 2099.89999 | 73.88300 | 805.90000 | .00070 | 1043.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | 332.60968 | 9.68486 | .00002 | .00026 | .00001 | .00018 | .00000 | .00002 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3TL63) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3161/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.098 | .008 | 1290.60001 | 1253.89999 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .088 | 1349.39999 | 1254.80000 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .149 | 1371.20000 | 1255.70000 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .232 | 1388.50000 | 1255.10001 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .298 | 1428.10001 | 1254.20000 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .363 | 1475.30000 | 1260.10001 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .454 | 1525.39999 | 1261.80000 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .521 | 1629.20000 | 1257.89999 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .603 | 1641.70000 | 1262.89999 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .703 | 1737.89999 | 1267.30000 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .796 | 1804.60001 | 1264.10001 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | .904 | 1806.60001 | 1261.70000 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 1.009 | 1806.10001 | 1277.70000 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 1.123 | 1937.60001 | 1268.10001 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 1.235 | 2013.10001 | 1266.89999 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 1.349 | 2029.00000 | 1266.10001 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 1.465 | 2043.10001 | 1275.10001 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 1.581 | 2034.60001 | 1268.60001 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 1.697 | 2058.39999 | 1271.30000 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 1.818 | 2044.80000 | 1272.30000 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 1.936 | 2062.39999 | 1270.89999 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| 1.098 | 2.053 | 2061.79999 | 1275.60001 | 967.55000 | 2061.70001 | 74.68400 | 817.05000 | .00050 | 1049.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | 417.31472 | 10.08495 | .00019 | .00025 | .00001 | .00012 | .00000 | -.00002 | -.00002 | -.00002 |

OA252 (ARC 382-1-22) P45 + A + S (R3TL63) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3171/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.248 | .008 | 1132.30000 | 1110.39999 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .097 | 1253.39999 | 1121.60001 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .171 | 1323.80000 | 1115.30000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .265 | 1358.60001 | 1123.89999 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .331 | 1372.80000 | 1112.89999 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .420 | 1456.00000 | 1121.89999 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .507 | 1500.70000 | 1115.00000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .581 | 1623.39999 | 1122.00000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .681 | 1644.10001 | 1122.39999 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .754 | 1711.70000 | 1121.00000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .855 | 1678.00000 | 1126.80000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | .962 | 1842.10001 | 1130.20000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 1.074 | 1862.20000 | 1127.00000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 1.186 | 1938.00000 | 1131.39999 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 1.299 | 1956.70000 | 1126.20000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 1.414 | 1998.60001 | 1127.80000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 1.529 | 2023.20000 | 1120.50000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 1.646 | 2028.80000 | 1125.39999 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 1.766 | 2028.50000 | 1130.00000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 1.884 | 2034.20000 | 1126.89999 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 2.002 | 2026.80000 | 1134.00000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| 1.248 | 2.121 | 2032.20000 | 1133.70000 | 792.14000 | 2045.39999 | 77.60800 | 863.08000 | .00020 | 1055.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | 434.92430 | 7.56882 | .00018 | .00020 | .00002 | .00012 | .00000 | -.00002 | -.00004 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3TL63) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3181/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.404 | .008 | 820.14000 | 864.20000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .096 | 1136.10001 | 837.89000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .171 | 1223.80000 | 811.08000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .269 | 1337.80000 | 796.97000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .331 | 1386.80000 | 828.89000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .417 | 1524.00000 | 813.68000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .505 | 1576.30000 | 807.98000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .583 | 1638.80000 | 835.89000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .682 | 1696.60001 | 843.59000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .777 | 1766.70000 | 814.18000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .883 | 1877.30000 | 815.48000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | .991 | 1937.00000 | 808.68000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 1.217 | 2000.10001 | 796.67000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 1.334 | 2003.50000 | 869.11000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 1.377 | 1974.10001 | 811.18000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 1.450 | 2014.80000 | 849.10000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 1.566 | 1997.80000 | 851.50000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 1.683 | 2016.80000 | 842.89000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 1.805 | 2012.80000 | 854.80000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 1.924 | 2016.20000 | 844.49000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 2.043 | 2011.70000 | 805.28000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| 1.404 | 2.161 | 2013.10001 | 822.19000 | 658.47000 | 2107.00000 | 83.23600 | 908.39000 | .00070 | 1101.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | 460.10445 | 4.76686 | .00007 | -.00004 | .00001 | .00017 | .00000 | .00000 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3TL66) ( 22 APR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.340 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3131/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .903 | .007 | 1478.89999 | 1393.70000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .064 | 1643.80000 | 1392.10001 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .106 | 1726.10001 | 1394.10001 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .148 | 1784.10001 | 1396.10001 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .196 | 1862.50000 | 1396.50000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .251 | 1903.20000 | 1400.50000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .290 | 1955.60001 | 1401.10001 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .324 | 2010.50000 | 1397.00000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .366 | 2069.00000 | 1409.10001 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .419 | 2109.20001 | 1402.20000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .469 | 2138.60001 | 1406.70000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .505 | 2151.89999 | 1405.20000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .539 | 2146.50000 | 1409.89999 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .584 | 2174.79999 | 1403.50000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .643 | 2178.20001 | 1409.50000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .686 | 2177.89999 | 1408.00000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .721 | 2182.70001 | 1415.30000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .766 | 2182.50000 | 1417.80000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .826 | 2179.89999 | 1417.89999 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .881 | 2184.39999 | 1421.60001 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .931 | 2186.10001 | 1422.30000 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| .903 | .989 | 2186.70001 | 1420.39999 | 1288.60001 | 2186.20001 | 78.26900 | 735.20000 | 1.41120 | 1030.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | 616.62040 | 31.28892 | .00049 | .00097 | .00002 | .00024 | .00000 | .00005 | .00010 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3TL66) ( 22 APR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.340 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3122/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.047 | .007 | 1279.00000 | 1173.80000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .065 | 1440.50000 | 1173.60001 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .108 | 1514.10001 | 1177.39999 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .151 | 1606.30000 | 1180.10001 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .203 | 1701.10001 | 1179.10001 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .257 | 1770.39999 | 1183.00000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .296 | 1842.80000 | 1185.80000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .334 | 1857.00000 | 1188.60001 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .380 | 1935.60001 | 1189.80000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .436 | 1907.89999 | 1189.70000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .480 | 2038.30000 | 1193.10001 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .516 | 2062.60001 | 1192.70000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .554 | 2068.60001 | 1196.50000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .608 | 2080.70001 | 1199.70000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .662 | 2071.39999 | 1203.60001 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .703 | 2085.79999 | 1204.60001 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .747 | 2079.29999 | 1206.20000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .806 | 2081.29999 | 1204.70000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .867 | 2086.70001 | 1210.60001 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .919 | 2085.60001 | 1214.70000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | .979 | 2082.70001 | 1218.60001 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| 1.047 | 1.045 | 2080.20001 | 1216.00000 | 1043.89999 | 2089.29999 | 80.14600 | 801.03000 | 1.41120 | 1023.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | 689.57352 | 44.55739 | .00040 | .00070 | .00002 | .00031 | .00000 | .00004 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + A + S (R3TL66) ( 22 APR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.340 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3111/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.102 | .005 | 1184.20000 | 1146.39999 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .065 | 1368.70000 | 1150.00000 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .111 | 1502.20000 | 1151.10001 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .157 | 1619.30000 | 1152.39999 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .214 | 1698.00000 | 1155.70000 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .271 | 1787.10001 | 1152.39999 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .311 | 1808.89999 | 1162.39999 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .355 | 1877.30000 | 1165.39999 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .409 | 1939.60001 | 1167.20000 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .462 | 1955.10001 | 1167.00000 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .500 | 2018.50000 | 1170.39999 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .539 | 2025.30000 | 1175.39999 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .591 | 2061.20001 | 1171.70000 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .651 | 2059.50000 | 1184.30000 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .699 | 2082.20001 | 1184.20000 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .747 | 2082.20001 | 1184.39999 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .808 | 2086.70001 | 1186.39999 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .871 | 2085.60001 | 1193.00000 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .925 | 2087.00000 | 1196.20000 | 972.50000 | 2081.50000 | 83.58300 | 826 61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | .988 | 2085.79999 | 1190.10001 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | 1.053 | 2087.29999 | 1195.60001 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| 1.102 | 1.112 | 2087.29999 | 1195.50000 | 972.50000 | 2081.50000 | 83.58300 | 826.61000 | 1.41140 | 1009.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | 677.05914 | 49.36615 | -.00011 | -.00015 | .00001 | .00008 | .00000 | .00000 | -.00015 | -.00004 |

OA252 (ARC 382-1-22) P45 + A + S (R3TL66) ( 22 APR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .C000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.340 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3101/ 0 RN/L = 4.60 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.249 | .005 | 846.02000 | 816.04000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .065 | 1222.30000 | 812.43000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .115 | 1440.70000 | 824.24000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .167 | 1531.20000 | 826.44000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .227 | 1636.39999 | 831.64000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .285 | 1745.89999 | 841.65000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .328 | 1807.30000 | 837.35000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .383 | 1865.89999 | 842.65000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .442 | 1947.39999 | 855.25000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .488 | 2035.30000 | 848.65000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .527 | 2043.80000 | 857.05000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .576 | 2041.30000 | 865.46000 | 822.55000 | 2126.79999 | 85.21300 | 697.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .641 | 2046.70000 | 869.26000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .692 | 2041.80000 | 868.66000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .742 | 2039.60001 | 875.06000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .804 | 2035.60001 | 878.66000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .868 | 2032.20000 | 885.07000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .925 | 2029.10001 | 882.17000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | .988 | 2030.80000 | 892.27000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | 1.055 | 2027.39999 | 890.67000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | 1.119 | 2028.50000 | 892.27000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| 1.249 | 1.186 | 2032.80000 | 897.57000 | 822.55000 | 2126.79999 | 85.21300 | 897.64000 | 1.41140 | 1004.00000 | 1108.00000 | 643.00000 |
| | GRADIENT | 703.66949 | 73.93491 | .00030 | .00053 | .00001 | .00037 | .00000 | .00000 | .00007 | .00003 |

OA252 (ARC 382-1-22) P45 + S (R3TL69) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3071/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .901 | .009 | 1554.00000 | 1481.20000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .093 | 1692.60001 | 1488.39999 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .158 | 1693.70000 | 1480.60001 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .250 | 1728.80000 | 1485.50000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .309 | 1769.60001 | 1483.20000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .369 | 1774.39999 | 1478.89999 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .464 | 1791.60001 | 1481.20000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .517 | 1817.70000 | 1496.39999 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .577 | 1884.39999 | 1489.70000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .675 | 1918.70000 | 1482.00000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .732 | 1928.30000 | 1487.80000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .818 | 1930.30000 | 1484.20000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | .917 | 2004.39999 | 1493.39999 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | 1.016 | 2062.89999 | 1487.20000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | 1.122 | 2060.39999 | 1484.39999 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | 1.228 | 1997.89999 | 1486.70000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | 1.338 | 2094.60001 | 1487.80000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | 1.451 | 2077.89999 | 1495.50000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | 1.564 | 2120.10001 | 1494.39999 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | 1.680 | 2123.20001 | 1492.39999 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | 1.799 | 2147.79999 | 1495.50000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| .901 | 1.919 | 2119.79999 | 1489.30000 | 1274.50000 | 2157.20001 | 74.47500 | 723.70000 | .00170 | 1501.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 283.07219 | 5.57271 | .00000 | .00030 | .00001 | .00010 | .00000 | -.00005 | -.00002 | -.00002 |

OA252 (ARC 382-1-22) P45 + S (R3TL69) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3061/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.050 | .007 | 1320.60001 | 1269.10001 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .097 | 1426.70000 | 1269.30000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .164 | 1471.70000 | 1274.89999 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .260 | 1521.20000 | 1277.20000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .316 | 1563.00000 | 1275.00000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .377 | 1582.60001 | 1285.30000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .467 | 1684.39999 | 1285.30000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .517 | 1692.00000 | 1276.10001 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .581 | 1678.70000 | 1285.70000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .673 | 1733.30000 | 1283.30000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .732 | 1748.60001 | 1287.50000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .823 | 1821.00000 | 1287.30000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | .921 | 1908.20000 | 1289.30000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | 1.025 | 1919.80000 | 1284.10001 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | 1.131 | 1921.80000 | 1289.30000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | 1.237 | 1887.00000 | 1289.70000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | 1.349 | 2002.10001 | 1286.10001 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | 1.459 | 2038.30000 | 1290.10001 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | 1.574 | 2075.10001 | 1285.70000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | 1.690 | 2030.10001 | 1300.30000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | 1.810 | 2059.79999 | 1289.30000 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| 1.050 | 1.927 | 2041.39999 | 1290.10001 | 1034.70000 | 2078.70001 | 76.21600 | 798.72000 | .00080 | 1451.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 375.00906 | 10.43048 | .00015 | .00040 | .00002 | .00007 | .00000 | .00005 | .00002 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3TL69) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | .002 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3031/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.100 | .007 | 1289.20000 | 1248.70000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .099 | 1366.10001 | 1253.20000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .170 | 1358.80000 | 1254.39999 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .261 | 1413.10001 | 1254.39999 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .319 | 1456.10001 | 1247.50000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .388 | 1497.39999 | 1252.80000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .477 | 1524.00000 | 1257.20000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .532 | 1541.30000 | 1257.39999 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .606 | 1617.10001 | 1260.20000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .689 | 1708.50000 | 1265.20000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .751 | 1693.20000 | 1263.89999 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .846 | 1734.50000 | 1265.30000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | .928 | 1814.00000 | 1265.20000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | 1.029 | 1877.10001 | 1259.20000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | 1.132 | 1925.39999 | 1259.00000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | 1.237 | 1926.30000 | 1258.00000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | 1.347 | 1979.50000 | 1262.20000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | 1.458 | 1987.39999 | 1261.30000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | 1.572 | 2023.60001 | 1270.39999 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | 1.687 | 2004.89999 | 1268.20000 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | 1.807 | 2061.20001 | 1264.60001 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| 1.100 | 1.927 | 2057.50000 | 1265.39999 | 966.13000 | 2063.10001 | 78.02600 | 818.43000 | .00080 | 1429.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 433.48179 | 8.20735 | .00025 | .00055 | .00002 | .00013 | .00000 | .00000 | -.00005 | .00000 |

OA252 (ARC 382-1-22) P45 + S (R3TL69) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2881/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.252 | .008 | 1077.39999 | 1097.70000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .094 | 1171.10001 | 1087.10001 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .163 | 1265.60001 | 1088.30000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .254 | 1345.89999 | 1091.80000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .318 | 1370.80000 | 1111.50000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .396 | 1451.10001 | 1099.20000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .484 | 1489.89999 | 1099.39999 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .551 | 1543.10001 | 1107.39999 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .645 | 1555.30000 | 1100.50000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .716 | 1696.70000 | 1107.30000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .797 | 1616.39999 | 1093.89999 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .899 | 1797.39999 | 1097.39999 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | .996 | 1811.80000 | 1104.00000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | 1.104 | 1801.89999 | 1096.80000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | 1.208 | 1954.70000 | 1095.30000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | 1.317 | 1915.10001 | 1106.39999 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | 1.430 | 1998.80000 | 1102.89999 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | 1.540 | 2014.10001 | 1102.39999 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | 1.654 | 2015.50000 | 1107.39999 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | 1.770 | 2012.39999 | 1113.80000 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | 1.885 | 2011.60001 | 1109.89999 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| 1.252 | 2.001 | 2023.50000 | 1104.10001 | 782.95000 | 2033.39999 | 78.99900 | 859.00000 | .00420 | 1126.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 477.30768 | 6.61130 | .00016 | .00027 | .00001 | .00000 | .00000 | .00004 | .00000 | .00000 |

OA252 (ARC 382-1-22) P45 + 5 (R3TL69) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2872/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.403 | .008 | 803.02000 | 850.54000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .102 | 1126.39999 | 877.36000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .181 | 1213.80000 | 851.74000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .267 | 1304.30000 | 869.35000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .331 | 1354.70000 | 858.55000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .414 | 1487.60001 | 895.76000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .493 | 1488.20000 | 872.15000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1113.00000 | 1107.00000 | 743.00000 |
| 1.403 | .567 | 1608.39999 | 656.95000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .660 | 1702.60001 | 848.84000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .739 | 1781.89999 | 877.76000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .834 | 1898.70000 | 857.35000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | .934 | 1925.00000 | 857.35000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 1.038 | 1925.00000 | 880.76000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 1.146 | 1973.89999 | 861.25000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 1.256 | 1975.39999 | 882.36000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 1.366 | 2024.00000 | 894.26000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 1.478 | 2024.00000 | 857.55000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 1.590 | 2022.89999 | 853.14000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 1.707 | 2026.00000 | 880.66000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 1.826 | 2021.20000 | 895.26000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 1.943 | 2025.39999 | 880.16000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| 1.403 | 2.059 | 2026.30000 | 865.05000 | 662.71000 | 2116.89999 | 86.28700 | 912.65000 | .00420 | 1118.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 509.38288 | 7.22524 | .00011 | .00025 | .00002 | .00017 | .00000 | .00004 | .00000 | .00004 |

OA252 (ARC 382-1-22) P45 + S (R3TL75) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.383 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 3081/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .900 | .008 | 1473.20000 | 1379.10001 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .056 | 1623.20000 | 1381.00000 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .093 | 1706.10001 | 1376.89999 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .126 | 1718.20000 | 1379.60001 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .160 | 1756.10001 | 1378.30000 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .205 | 1784.39999 | 1381.80000 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .249 | 1821.80000 | 1378.70000 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .284 | 1873.00000 | 1381.60001 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .310 | 1884.80000 | 1388.10001 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .340 | 1915.10001 | 1388.10001 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .378 | 1966.00000 | 1391.60001 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .430 | 2033.39999 | 1390.20000 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .467 | 2008.50000 | 1393.60001 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .497 | 2061.10001 | 1396.39999 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .523 | 2073.50000 | 1392.89999 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .555 | 2095.00000 | 1395.50000 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .599 | 2070.39999 | 1404.10001 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .643 | 2133.00000 | 1401.00000 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .680 | 2128.10001 | 1403.10001 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .712 | 2117.70001 | 1403.70000 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .746 | 2133.20001 | 1403.89999 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| .900 | .791 | 2149.39999 | 1395.89999 | 1281.60001 | 2167.10001 | 73.95300 | 726.29000 | 1.41170 | 1508.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 775.75938 | 37.24446 | .00052 | .00105 | .00005 | .00037 | .00000 | .00015 | .00000 | -.00015 |

OA252 (ARC 382-1-22) P45 + S (R3TL75) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.383 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3051/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.050 | .007 | 1258.50000 | 1177.20000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .061 | 1411.30000 | 1180.80000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .097 | 1472.39999 | 1183.20000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .135 | 1494.70000 | 1185.10001 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .178 | 1613.50000 | 1186.70000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .231 | 1631.89999 | 1191.30000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .274 | 1697.30000 | 1188.80000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .309 | 1747.39999 | 1192.10001 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .342 | 1698.10001 | 1192.30000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .385 | 1768.60001 | 1197.20000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .440 | 1847.50000 | 1200.50000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .478 | 1969.10001 | 1203.39999 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .508 | 1943.70000 | 1202.89999 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .541 | 1987.50000 | 1195.10001 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .583 | 2006.50000 | 1205.70000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .641 | 2037.60001 | 1208.00000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .682 | 2056.60001 | 1208.39999 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .717 | 2069.29999 | 1203.39999 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .758 | 2055.10001 | 1212.39999 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .815 | 2072.39999 | 1211.50000 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .869 | 2069.29999 | 1218.39999 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| 1.050 | .914 | 2072.10001 | 1214.89999 | 1035.39999 | 2078.70001 | 78.82500 | 798.40000 | 1.41490 | 1443.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 877.85620 | 41.71575 | .00034 | .00068 | .00001 | .00040 | .00000 | -.00011 | -.00006 | -.00006 |

OA252 (ARC 382-1-22) P45 + S (R3TL75) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.383 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 3041/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | P8L | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.101 | .008 | 1012.70000 | 1137.30000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .059 | 1055.10001 | 1136.80000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .094 | 1132.60001 | 1137.00000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .129 | 1233.89999 | 1139.20000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .165 | 1393.20000 | 1140.89999 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .211 | 1542.50000 | 1139.00000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .254 | 1620.60001 | 1140.80000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .293 | 1716.20000 | 1141.20000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .326 | 1744.80000 | 1141.80000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .365 | 1819.20000 | 1143.30000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .410 | 1858.00000 | 1145.00000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .456 | 1939.70000 | 1145.00000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .490 | 1959.50000 | 1143.30000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .522 | 1967.70000 | 1147.70000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .558 | 2022.00000 | 1150.20000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .607 | 2051.20001 | 1149.80000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .656 | 2069.00000 | 1148.60001 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .692 | 2054.89999 | 1151.10001 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .726 | 2076.39999 | 1151.39999 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .768 | 2078.29999 | 1156.00000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .825 | 2078.10001 | 1153.20000 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| 1.101 | .878 | 2073.00000 | 1155.39999 | 973.20000 | 2081.50000 | 79.10300 | 826.33000 | 1.41560 | 1436.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 1284.78488 | 22.48019 | .00018 | -.00012 | .00002 | .00037 | .00000 | .00000 | .00006 | -.00006 |

OA252 (ARC 382-1-22) P45 + S (R3TL75) ( 21 MAR 80 )

REFERENCE DATA

| | | | | | |
|---|---|---|---|---|---|
| SREF = | .0000 SQ.FT. | XMRP = | .0000 IN. XO | | |
| LREF = | .0000 INCHES | YMRP = | .0000 IN. YO | | |
| BREF = | .0000 INCHES | ZMRP = | .0000 IN. ZO | | |
| SCALE = | .6670 | | | | |

PARAMETRIC DATA

| | | | |
|---|---|---|---|
| HWALL = | 1.383 | PANEL = | 45.000 |
| GAP = | .030 | STEP-F = | .000 |
| STEP-A = | .000 | | |

RUN NO. 2891/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.248 | .008 | 824.10000 | 817.77000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .063 | 1133.60001 | 819.87000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .106 | 1357.10001 | 829.77000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .152 | 1422.10001 | 828.47000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .203 | 1502.80000 | 840.18000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .255 | 1583.70000 | 837.87000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .299 | 1681.30000 | 845.48000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .340 | 1694.30000 | 849.38000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .389 | 1770.70000 | 856.88000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .442 | 1853.60001 | 858.78000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .486 | 1871.39999 | 857.58000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .525 | 1932.80000 | 858.58000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .569 | 1960.50000 | 868.99000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .627 | 1966.39999 | 876.09000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .677 | 1976.10001 | 878.69000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .719 | 1978.30000 | 883.09000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .765 | 1977.80000 | 885.50000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .824 | 1976.10001 | 884.40000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .883 | 1976.60001 | 891.10000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .937 | 1976.60001 | 895.60000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | .997 | 1974.70000 | 896.60000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| 1.248 | 1.062 | 1975.50000 | 895.00000 | 799.92000 | 2065.20001 | 86.32200 | 871.41000 | 1.41290 | 1134.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 860.90215 | 79.59465 | .00021 | .00050 | .00002 | .00029 | .00000 | -.00008 | -.00008 | -.00008 |

OA252 (ARC 382-1-22) P45 + S (R3TL75) ( 21 MAR 80 )

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.383 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

RUN NO. 2861/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

| MACH | H | PTBL | PBL | P | PT | TTF | Q | HWALL | TIME | DATE | CONF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.399 | .009 | 790.15000 | 588.33000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .070 | 1102.50000 | 592.24000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .119 | 1269.70000 | 597.94000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .173 | 1359.60001 | 600.84000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .232 | 1496.80000 | 603.74000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .287 | 1533.30000 | 611.64000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .330 | 1675.60001 | 615.05000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .386 | 1749.50000 | 619.15000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .445 | 1866.30000 | 623.55000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .494 | 1922.89999 | 627.35000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .539 | 1981.39999 | 629.45000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .596 | 1999.00000 | 634.85000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .657 | 2008.89999 | 637.46000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .710 | 2002.89999 | 640.56000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .765 | 2005.20000 | 642.16000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .828 | 2002.89999 | 643.46000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .888 | 2001.00000 | 645.56000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | .946 | 2000.70000 | 647.86000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | 1.009 | 2000.39999 | 649.96000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | 1.074 | 1999.50000 | 647.06000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | 1.135 | 2000.10001 | 648.56000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| 1.399 | 1.200 | 2001.20000 | 648.06000 | 668.37000 | 2124.60001 | 90.99400 | 915.94000 | 1.26240 | 1106.00000 | 1107.00000 | 743.00000 |
| | GRADIENT | 812.76951 | 53.86524 | .00000 | .00090 | .00003 | .00013 | .00000 | .00006 | .00006 | -.00003 |